

The Nursery Trade Journal of America

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# AMERICAN AFRUITS

For the Nursery Trade and Allied Interests

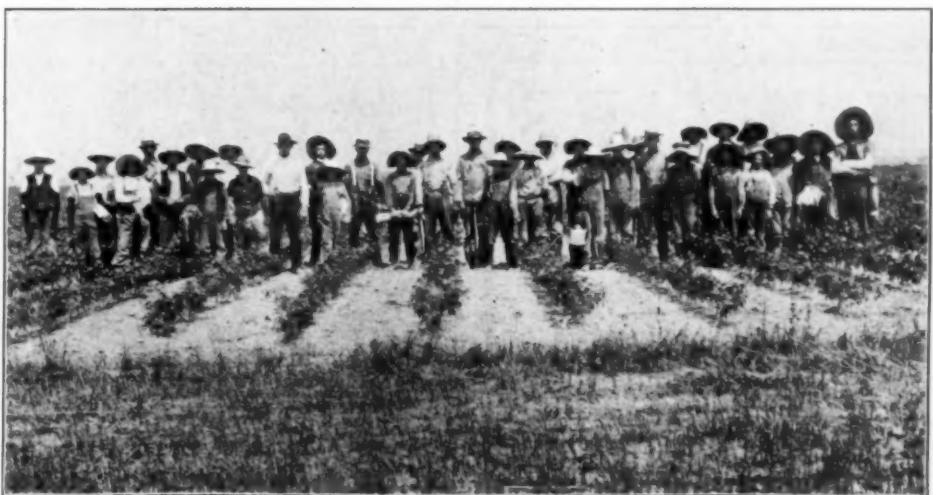
Vol. VI

JANUARY, 1907

No. 4

## PAINESVILLE NURSERIES

Personal Inspection Cordially Invited—52 Years, 1200 Acres, 44 Greenhouses—The Great Modern,  
Up-to-date Nurseries of the United States



Rose Budders in Nurseries of Storrs & Harrison Co., Painesville, O.

Fruit, Nut and Ornamental Trees, Grape Vines, Small Fruits, Shrubs, Roses,  
Bulbs, Hardy and Greenhouse Plants

IN IMMENSE ASSORTMENT

Largest blocks of Field Grown Roses in the World. Catalogues and Price Lists Free.  
Pleased to quote prices on your list of wants.

**THE STORRS & HARRISON CO.**  
PAINESVILLE, OHIO

## TREES AT WHOLESALE

Lowest Prices Consistent with Quality

We Can Assure Our Customers of these Vital Requisites : **HEALTHY,  
WELL-GROWN TREES  
PURITY OF VARIETY  
CAREFUL PACKING**

61 Years Under the Same Management

We grow all kinds and varieties suitable for this climate, including—

APPLE	ORNAMENTAL TREES
PEAR	and SHRUBS
PLUM	ROSES
CHERRY	CLEMATIS and
PEACH	GREEN-HOUSE PLANTS

Send for Illustrated Catalogue with Full Cultural Directions. Correspondence solicited.

**W. & T. SMITH CO.**

*The Geneva Nursery*

600 Castle St. GENEVA, N. Y.

# TREES

Fruit and Ornamental.

## Shrubs Evergreens Roses Hardy Plants

All the Best and Hardiest Varieties. Largest and most varied Collections in America. Illustrated Descriptive Catalogue (144 pages), also Descriptive List of Novelties and Specialties with beautiful colored plate of the New Hardy White Rose Frau Druschki, mailed **FREE** on request.

**ELLWANGER & BARRY,**  
Nurserymen—Horticulturists,  
MOUNT HOPE NURSERIES,  
Established 1840. Rochester, N. Y.

## SPECIALTIES

CHERRIES	MULBERRIES	
PLUMS	WALNUTS (English and Japan)	PECANS
EXOCHORDA	LILACS	LONICERAS
	HYDRANGEAS (Field Grown, Strong)	
	THOMAS HOGG, ROSEA, Etc.	
CAMELLIAS	AZALEAS	GARDENIAS
	MAGNOLIAS	

HEDGE PLANTS (IN LARGE QUANTITIES)  
CALIFORNIA PRIVET  
CITRUS TRIFOLIATA BERBERIS THUNBERGII  
SPIREA THUNBERGII

BIOTA AUREA NANA CEDRUS DEODARA  
LIBOCEDRUS DECURRENS  
JUNIPERS RETINOSPORAS

ORANGES, LEMONS and OTHER CITRUS FRUIT

300,000 PALMS  
KENTIAS LATANIAS PHOENIX

FIELD GROWN ROSES (Own Roots and Budded)

No Scale and Everything Healthy and Well Grown

P. J. Berckmans Company, Inc.  
FRUITLAND NURSERIES

Established 1856  
Over 450 Acres in Nursery

AUGUSTA, GA.

600 Acres

ESTABLISHED 1853

## Peach Trees

We offer for Spring 1907 a large stock of Peach Trees of all the leading varieties; as fine trees as can be grown.

## Japanese Plums

Both one and two years. Strong on Abundance and Burbank.

## Apple Trees

Most of the leading varieties.

## The Ornamental Department

Has had our special attention for over fifty years and we have one of the largest assortments in the country.

## Fifty Acres of Shrubs

### Viburnum Plicatum

In large quantities, fine plants all sizes up to 4 feet.

## Hoopes, Bro. & Thomas

Maple Avenue Nurseries

West Chester, Penn.

Philadelphia Office  
222-223-224-225 Stephen Girard Building

New York Office  
Columbia Building, 29 Broadway

## Nursery Stock of all Kinds At Wholesale

Send list of wants for prices.  
We furnish and pack for dealers.  
We also grow June Budded Peach, Elberta, Carman, Belle  
of Georgia, Benford's late Salway, Etc.

We offer Apple and Peach in car lots for Spring  
Shipment. We can do you good. Write us.

**SOUTHERN NURSERY CO.**  
**WINCHESTER, TENN.**

## Heikes-Huntsville-Trees



HUNTSVILLE WHOLESALE NURSERIES  
HUNTSVILLE, ALA.

We offer for Spring of 1907,  
PEARS, PLUMS, CHERRIES, PEACHES, ROSES  
PECANS, JAPANESE PERSIMMONS and MAGNOLIA  
GRANDIFOLIA in large quantities as usual.

*Some Figures*—It is estimated that there are imported  
into the United States annually 5,000,000 pear seedlings  
and 10,000,000 Mahaleb seedlings. Of these we plant  
one-fifteenth of the Mahaleb and one-tenth of the pears.

**SEE OUR PRICE LIST FOR PARTICULARS**

**WORLD'S FAIR**—We were awarded a Grand Prize and a Gold Medal on our  
exhibits at the World's Fair, St Louis.

**Address W. F. HEIKES, Mgr., Huntsville, Ala.**

## Special Bargain

Car load lots, or less, Carolina Poplar, all sizes;  
Tulip Poplar and Volga Poplar.

### PEACH

One year, general assortment.

### PLUM

One and two year, Japan and European.

### CHERRY

One year, very fine.

### Standard Pear, Apricots, Apple, Etc.

### 75,000 RHUBARB

Two year, extra fine.

### 6,000 H. P. ROSES

### WEEPING MULBERRY

One and two year, very fine.

*Send Us a List of Your Wants for Prices*

## Vincennes Nurseries

W. C. REED, Proprietor

**VINCENNES, INDIANA**

## CHARLES M. PETERS

Formerly of W. M. Peters' Sons,

## Grape Vines a Specialty

My soil I find specially adapted to making plenty of fibrous roots and plenty  
of vine. A trial order will convince you that my grading, quality and price  
will be satisfactory. It is now my intention to make the growing of Grape  
Vines a specialty. Correspondence solicited.

**CHARLES M. PETERS,**

P. O. Address

**SNOW HILL, MD.**

Long Distance Phone and Telegraph, Snow Hill, Md.

## REGRADING

Has kept us busy all Fall. Every tree in our storage is above  
criticism. Finest stock and fullest assortment we ever offered.  
Our prices are meant to pull trade.

**WE OFFER APPLE** Budded and Grafted  
**CHERRY, PEACH, PLUM**  
**STANDARD AND DWARF PEAR, QUINCE**  
Ornamental Trees, Shrubs and Vines

## FAIRMOUNT NURSERIES

The Geo. Peters Nursery Co., Preprs. **TROY, OHIO**

## NURSERY STORAGE

Exceptional Facilities for Southern Nursery-  
men Desiring to Store Stock

## For Spring Delivery

IN AND FROM

**ROCHESTER, N. Y.**

Largest and Best Equipped Cold Storage  
Plant in Western New York.  
Temperature Maintained at any Point.

Loading Platforms extend along Spur of New  
York Central Railroad. Least possible  
Handling of Stock.

*Write for Particulars*

**E. M. UPTON COLD STORAGE CO.**  
**ROCHESTER, N. Y.**

# MAHALEB BY THE MILLION

*Grown by us annually; our ground and location being especially adapted to producing*

## The Best Cherry Stocks as testified to by Largest Cherry Growers

### Huntsville Wholesale Nurseries

Huntsville, Ala., Nov. 22, 1906.  
Gentlemen—The Mahaleb stocks bought of you came through in fine condition, and were planted last spring and budded the past summer. We got a good stand of plants and buds. They are equally as good in every way as the imported plants. I congratulate you upon your remarkable success in growing Mahalebs. Very truly,  
Huntsville Wholesale Nurseries,  
W. F. Heikes, Mgr.

### F. W. Meneray Crescent Nursery Co.

Council Bluffs, Ia., Nov. 24, 1906.  
Gentlemen—The Mahaleb stocks which we purchased of you in the spring of 1904, were planted by us for a test as to which were really the best stocks to use. American grown or foreign grown. In the fall of 1905 we found that our American stocks gave us by far the heavier and more robust trees, giving us fully one third of our one year old Cherry 3-4 and up, and standing in height from 4 x 2 to 6 feet. We also have quite a number of 3-4 trees in the imported stocks, but only a small per cent, most of them catching the 11-16 grade. This fall 1906, the trees being two years old, we found nothing on the American stocks falling below 3-4 grade, and the root system cannot be better. With these results before us with the American Stocks, is why we placed an order with you for 150,000 for delivery next spring.  
Very truly,  
F. W. Meneray.

### Knox Nurseries

Vincennes, Ind., Nov. 12, 1906.  
Dear Sirs—We planted some Kansas Mahaleb three years ago which produced better one year Cherries than imported stocks on same ground. They were graded extra well and came in first-class condition and were all that we could desire. These have made a splendid growth and the buds have taken well and we expect a fine block of one year Cherry from them. We trust that you will grade the 200,000 we have coming from you this winter equally as well, as we like a good strong grade.

With best wishes for your success, we remain Yours truly,  
H. M. Simpson & Sons

### Vincennes Nurseries

Vincennes, Ind., Oct. 29, 1906.  
Dear Sirs—We have been enwatching for several years, the Mahaleb you have been growing, and think there is no question but what they are equally as good, and in fact superior to the foreign grown stock. Had this not been the case we would not have placed an order with you for 200,000 for the coming season's planting.

We are growing Cherry in large quantity and of course it is very important that you have good stock to start with, and from what I have noticed of your home grown stock, they are usually of a heavier and stronger grade than the imported seedlings. I am  
Yours truly,  
W. C. Reed.

### Black Locust Seedlings of all Grades by the Car Load

70,000 Imported French Pear Stocks.

30,000 Imported Anger Quince Stocks.

Myabolan Stocks with orders for other stock only.

### TWO YEAR GRAFTED APPLE 3-4 INCH AND UP

### Bargain Prices on Shade Trees in Car Load Lots

Soft Maple, Elm, Catalpa, Black Locust, Sycamore and Box Elder. Growing on leased ground that must be cleared this spring.

## Winfield Nurseries, Cooper & Moncrief Proprietors WINFIELD KANS.

Office—Winfield, Kans.

Branch Plants—Wellington, Kans.; Rock, Kans.

Get  
This

# Auto Spray No. 28

And Save Money,  
Time and Trouble



TRACTION AUTO SPRAY No. 28 TANK CAPACITY 250 GALLONS

We positively guarantee that our No. 28 traction sprayer will spray the largest trees without any hand work whatever, and that it will do it as easy, as quick and just as well as could be done with the most expensive gasoline engine outfit.

This machine has been designed expressly for the fruit growers of large operations, for men who require a sprayer of maximum power and capacity, but who do not want to invest a small fortune in an awkward, complicated, unreliable gasoline outfit.

We compare our Traction Auto Spray No. 28, to gasoline outfits only because there is no other traction sprayer built that can approach it for efficiency, for ability to do the most difficult work and do it right.

To every buyer of this No. 28 or any other "Auto-Spray," we say Complete Satisfaction or Your Money Back. We don't ask you to take our word for the superiority of the Auto-Spray. It has to satisfy you when you use it on your own place.

With this sprayer you will have no break-downs to cause expensive delays in the midst of your busy season. You will need a mechanic or expert to operate it, you will need no labor to produce the power, and the power will not cost you a cent.

You can thoroughly spray every limb of every tree without waste of solution. Other sprayers, with less power and not so perfectly designed, often waste half the solution.

Remember too that our Auto-Spray No. 28 will do light work as well as heavy work.



AUTO-SPRAY No. 1.

Every part of this machine from the wheels to the smallest valve, is made of the very best material obtainable for the purpose, and the entire sprayer is guaranteed against the slightest defect of material or workmanship.

In the lower right hand corner we show a cut of our hand power Auto-Spray No. 1, the sprayer that has won a world-wide reputation as being the most convenient, the most practical and economical hand sprayer made. Investigation pays—if you doubt our claims, if you doubt our guaranty, a little investigation will set you right and save you money.

Our factory is the largest in the country devoted exclusively to the making of power and hand sprayers. We manufacture over forty styles and sizes, making every part ourselves. That is why our sprayers are backed by a stronger guarantee than others. We know what each and every part is made of, how each machine is built and what it will do.

Don't forget that big difference between a manufacturer and a company that merely sells sprayers.

Send for reports from people who have used the style of sprayer you need. Our customers praise Auto-Sprays as highly as we do.

Write to-day for complete details and prices, telling us what your needs are.

**The E. C. Brown Company, 52 Jay St., Rochester, N. Y.**

# American Fruits

## Chief International Journal of the Nursery Trade

Entered August 4, 1904, at Rochester, N. Y. Post Office as second-class mail matter

Vol. VI

ROCHESTER, N. Y., JANUARY, 1907

No. 4

### SAN JOSE SCALE

**Warning Issued by Roland Morrill—Michigan Fruit Crops In Great Danger—Spraying Must be Done Thoroughly If Orchardists Would Save What Frosts Have Left—Increasing Danger to Fruit Trees.**

"The greatest menace to the fruit crop of western Michigan is the San Jose scale." This statement was made by one of the best posted fruit growers in the fruit belt to a Grand Rapids newspaper representative. Unless a determined fight is made against the pest it will result in the undoing of one of Michigan's greatest industries.

Unless immediate action is taken in regard to this matter the peach crop of the state will be cut down one-half.

After the middle of September it is safe to say that fully one-third of the fruit brought into Grand Rapids showed signs of the ravages of the insect and the percentage grew rapidly as the season advanced.

The peril is by no means confined to Grand Rapids for according to the statements made by Roland Morrill, one of the greatest horticultural experts in Michigan, 50 per cent. of the orchards in the state will be destroyed in the next two years unless a strong fight is made. His prediction was based on the fact that many of the orchards are old, others are frozen by the severe winters and still another part is destroyed each year by insects and pests.

The San Jose scale made its appearance in Michigan about ten years ago and up to about three years ago was confined to a few counties where the fruit raising is not an important industry, but since that time it has spread to the other portions of the state where it can create great havoc.

So far about the only remedy known for the scale is the use of the spray and as only the insects touched by the mixture used in the spray will be destroyed it is very important that every part of the tree be sprayed. To do this the tree should be sprayed from two sides or better from four sides. The spraying will bring the best results while the tree is dormant, either in the fall just after the leaves have fallen or early in the spring.

### ASK \$10,000 TO FIGHT SCALE

Alarmed by the spread of the San Jose scale in sixty-three counties in Indiana, Prof. James Troop, of Lafayette, state entomologist, will ask the next General Assembly for an appropriation of \$10,000 with which to carry on the work of orchard inspection during the next two years.

Irving Rouse, Rochester, N. Y., one of the best-known importers of nursery stock, returned last month from a trip to France. He was accompanied by his two daughters.

It is expected that Prof. N. E. Hansen, secretary of the South Dakota Horticultural Society, will return in time to tell of his European trip at the society meeting at Groton, S. D., January 22-24.

### KEUKA LAKE GRAPE BELT

In the Keuka Lake grape belt, New York state, it is estimated that 15,300 tons of grapes was harvested this season, estimated to be worth \$525,000. Considering that the Keuka grape belt is largely confined to perhaps a mile from either shore of the lake, and the lake is, with its branch, not over thirty miles in length, it can be seen readily the grape industry is becoming a great industry. Grapes grown in the Keuka grape belt are now shipped throughout the Eastern and Middle Western States.

### STORAGE OF NURSERY STOCK

Exceptional opportunities are afforded for the storage of nursery stock in Rochester by nurserymen of the South and other points seeking facilities at so great a nursery center as is Rochester. The largest and best equipped cold storage plant in Western New York is that of the E. M. Upton Cold Storage Company located



A. WILLIS, OTTAWA, KAN.

Just elected President Western Association of Nurserymen.

on a spur of the New York Central railroad, providing direct shipping facilities. This is an important feature in the handling of nursery stock in considerable quantity. Quick deliveries can be made in the spring from Rochester as a distributing point to places north, east and west.

### BUSY AT WINFIELD, KAN.

#### Editor AMERICAN FRUITS:

We have never been so rushed with fall orders in past ten years. Have handled twenty-two carloads of stock this fall besides our local shipments. Trade is brisk in all lines and collections good. However, have had more trouble with railroad companies in the manner of getting shipments through than we have ever had before, taking as much as twelve days to get carload shipments 250 miles.

COOPER & MONCRIEF.  
Winfield, Kan., Dec. 13th.

I. N. Brown, formerly with Silas Wilson and latterly with Stark Brothers Co., will establish a nursery business at Atlantic, Ia.

### SPREAD OF THE SCALE

In an address before the Indiana State Horticultural Society last month, Prof. Charles G. Woodbury of Purdue University Experiment Station, said:

I have been repeatedly asked why the San Jose scale is so bad, and why it spreads so rapidly. There are two facts which account in some measure for the destructiveness of this scale. The first of these is a general law and there have been several other examples of its operation in the horticultural history of our own country. Briefly stated, it is this: That when any organism is placed under new and favorable conditions, the equilibrium, or balance of forces caused by the struggle for existence, is upset, and rapid multiplication may be expected in the new environment until a gradual readjustment takes place.

#### FAVORABLE CONDITIONS

This removal of pressure, upsetting the natural conditions of its life, has taken place with the San Jose scale. It has been nearly freed from the conditions which tended to hold it in check in its native home; it has found large contiguous areas of congenial food-plants; it has been almost entirely relieved from the attacks of its natural enemies, and in so far as the struggle for existence has been thus eliminated, it has spread and prospered.

Other illustrations of this law are found in the rapid and destructive spread of some of the American grape-diseases, when unwittingly introduced into European vineyards. The downy mildew had been comparatively innocuous in America on our native grapes, but worked havoc in France, till the accidental discovery of Bordeaux mixture brought relief. The history of the Russian thistle in the United States is another case in point.

#### SHORTCOMING OF ENEMIES

The other fact which accounts more directly and specifically for the spread of the San Jose scale is this: Its natural enemies do not seem to be able to adopt themselves to so wide a range of climatic conditions as does the scale itself. The scale will thrive and spread where its parasites, which hold it in check in its native home, seem unable to follow it. Besides its natural enemies, susceptibility to climatic conditions, the unequal distribution of the scale causes it to afford only a hazardous livelihood to the creatures that prey upon it.

These considerations, together with the fact that the San Jose scale has several broods a year in most localities where it is found, and an astonishingly long list of host plants, seem abundant to account for its rapid spread and its deadly menace to the plants it infests.

#### MR. HARRISON'S SUGGESTION

At the annual meeting of the Maryland Horticultural Society in Baltimore last month Orlando Harrison, mayor of Berlin, Md., and president of the American Association of Nurserymen, said:

"We tillers of the soil of the State of Maryland produce about \$35,000,000 annually. I claim that any state that produces so much wealth by means of its farmers and gardeners should be entitled to a building in the great central city of the state, which should be known as the Horticultural Hall. I ask here to-day that some son of Maryland donate a plot of land for this purpose, and ask the state to erect a building for the farmers, truckers and fruit-growers."

The Fruit Growers' Association of Adams County, Pa., has adopted resolutions requesting all Pennsylvania Congressmen to use every reasonable endeavor to effect the passage of such legislation as will further the admission of American fruits to German markets under the minimum duties, and asking all persons interested in fruit growing to take similar action.

## ALONG PACIFIC COAST

### PACIFIC COAST NURSERYMEN

**Hold Joint Convention With California Fruit Growers at Hanford, California—Presidents F. W. Power and Elwood Cooper Preside—Addresses by Governor Pardee, J. B. Pilkington, Prof. E. J. Wickson, S. A. Miller, C. A. Tonneson, A. N. Judd, Leonard Coates, A. Eckert, Prof. M. B. Waite, George C. Roeding and Others—Banquet Tendered by Citizens—The Nursery Session.**

The Pacific Coast Nurserymen's Association and the California Horticultural Commission held a joint session at Hanford, Cal., Dec. 4-7th. President Elwood Cooper, of the commission, presided. It was the occasion of the thirty-second fruit growers' convention of California. In his address President Elwood outlined his well-known work in introducing parasites for insect pests.

On the second day of the convention the time was given over to the nurserymen. President F. W. Power presided. "Benefits to be derived from the Pacific Coast Nurserymen's Association, and the American Association of Nurserymen," was a subject by S. A. Miller, and was very interesting to those engaged in the nursery business. The address of Leonard Coates, on "The Nursery Business in California: Its Needs and Future Possibilities," was full of ideas for nurserymen. "European Methods," were discussed by J. B. Pilkington in an able manner. Prof. E. J. Wickson gave a talk on fruit varieties. The professor had several charts to illustrate his remarks, which had bearing on the different varieties of fruit which were the best for the grower, and the best sellers by the nurserymen. Prof. Wickson stated that he had selected the varieties from a California viewpoint, which was a commercial one, and in his opinion not so many new varieties are needed as are improvements on the standard varieties. The professor stated that he had statements from nurserymen in the States of California, Oregon, Washington, Idaho, and Utah, and some varieties of fruit that did not do well in this state, were highly recommended for other localities.

A. N. Judd, in an address on "The Relation of the Nurserymen to the Growers," said that nursery stock is not always true to name. This self-evident statement provoked considerable friendly discussion which concluded with the sentiment "that the nurseryman should take all care possible to give the grower what he pays for."

A. Eckert suggested that if a national inspection law was ever enacted the post-office should not be overlooked, but should be brought under the same laws as railroad or express shipments. George C. Roeding, the Fresno nurseryman, read a paper on the "Inspection Laws of California."

The Wednesday evening session of the convention was opened by an address by Prof. M. B. Waite, who is in the state looking after the eradication of the pear blight. The professor talked of the blight as it is being fought in the Sacramento Valley, and told of the means taken to control it.

Thursday morning's session was opened by an address on the "Horticultural Uses

of the University Farm," by Prof. Wickson. A standard orchard, said the speaker, will be planted, where the varieties can be studied, and the drying and packing of fruit and grapes will be demonstrated.

A banquet at which 250 covers were laid was tendered to the visitors on Tuesday night by the citizens of Hanford and Kings County, a graceful act and much appreciated.



S. A. MILLER, Milton, Ore.

#### WHY NOT THE PIT?

"Why not the pit?" asks an Ottawa, Kan., exchange in view of the scarcity of cold storage facilities and the large amount of apples in orchards unearmed for.

"Sound fruit, good, clean straw to bed, line and cover the pit, and a sufficient covering of earth to keep out the frost—and the farmer had a 'cold storage warehouse' that beat any artificial device ever invented. There was never an apple come out of cold storage that could equal in flavor the juicy, natural fruit brought out of the pit in the spring, with just enough of the odor of clean straw and its earthy bed about it to make it especially delightful. The same bed very often held potatoes and turnips as well as apples."

#### HAVE READ THE SIGNS

Many have already read the signs correctly and are governing themselves accordingly. One of the many recently said to us in conversation: "I never told you, did I, how my advertising in AMERICAN FRUITS paid? Well, I tell you now that it paid big. I am just selfish enough not to give you an autograph letter, as others in line would jump in, too. You can use the statement in a general way, however, and any doubters who may inquire you may refer to me."

#### MUST IMPORT STOCK

**California Nurserymen Unable to Supply Demands for Orange Trees—Planting of New Orchards Depends upon Outside Nurserymen—Florida Firm Offers to Supply 100,000 Trees—Will They be Admitted by Horticultural Commissioners.**

San Francisco, Dec. 13.—A special dispatch to the Chronicle from Riverside says: The planting of new orchards promises to meet with a severe setback unless nursery stocks from Florida will be permitted to enter the state freely. The immense orchard projects in Tulare county are partly responsible for the serious shortage, and unless some source of supply is speedily located, the new orchards projected for Southern California must be put off for some time to come. Navel trees would sell easily at \$1 each, and Valencia budded stock for much more.

A Florida nurseryman has made overtures with a view to shipping out about 100,000 trees, some of which are Villa Franca lemons, but the horticultural commissioners are loth to allow outside stock to enter. If an exception should be made, it would be on account of rigid fumigation methods, insuring freedom from disease.

#### NURSERYMEN AT SANTA ROSA

Residents of Santa Rosa, Cal., entertained last month a large delegation of Washington, Oregon and Northern California nurserymen who stopped en route to the annual meeting at Hanford of the Pacific Coast Association of Nurserymen. Their stop at Santa Rosa was to inspect the walnut orchard of Mrs. E. M. Vrooman, which has become quite famous throughout the Northwest, and to see the "creations" of Luther Burbank, particularly his quick-growing walnut, the thornless cacti and other features.

#### EXPERIMENTAL WORK

John Moorhead, of Franklin township, Ia., recently exhibited at the Monona county fair at Onawa, Ia., a hybrid fruit which attracted attention.

Mr. Moorhead as an experiment first grafted the common sand cherry of the Nebraska sand hills upon a plum tree which in time produced a fruit larger than the cherry with characteristics of both parents. Again, planting the pit of this fruit, he produced a tree or shrub more plum like in growth, and setting these in a plum grove to be fertilized by the plum blossoms he this year has a larger fruit, with the distinct cherry flavor which is so esteemed by many. He now intends planting the pits of this hybrid to see what he may obtain next.

#### AS TO UNIFORM TAGS

The committee of the Association of Official Horticultural Inspectors, on a uniform tag system, reported that judging from the correspondence of the secretary with horticultural inspectors of the various states, it deemed it extremely doubtful that any sufficiently general co-operation in a uniform tag system could be secured to give it a value which would lead to its general acceptance and use by nurserymen. Dr. S. A. Forbes was chairman of the committee. The report was adopted by the association.

# COMMERCIAL ORCHARDS

## APPLE GROWING SECTIONS

The New York Packer directs attention to the fact that west of the Mississippi river there are four important apple growing sections. The Ozarks, comprising Washington and Benton counties in northwestern Arkansas and the southwest corner of Missouri, comprising parts of eight or ten counties. In other parts of Missouri apple growing is irregular as to territory, there being some large orchards in numerous counties between the Ozark region and the Missouri river and a moderate amount of commercial apple growing in this state north of the Missouri river. In Kansas the principal apple orchards are either in the eastern third of the state or in what is known as the Hutchinson district along the valley of the Arkansas river in the central part of the state. There are several large apple orchards in

From the fruit farm of Daniel Dickinson Mr. Dickinson marketed 27,000 quarts speaking the apple trade of the country does not take them into consideration very seriously in calculating on prices and supplies. Eastern Nebraska this year will have a good many apples to ship.

## FRUIT IN SOUTH DAKOTA

This has been one of the most profitable seasons ever experienced by the farmers in this part of South Dakota. The harvest of fruits especially has been wonderful. On the Riverview farm, leased by Wesley McNeil, the gathering of strawberries consisted of 11,000 quarts. They were among the largest ever produced in this section of the country. His harvest of blackberries amounted to 3,000 quarts, while his cherries consisted of 1,400 quarts, and apples some 400 bushels of the Wealthy and Duchess varieties.



**MEMBERS OF THE APPLE GROWERS' CONGRESS AT THE COLD STORAGE PLANT OF W. T. FLOURNOY, MARIONVILLE, MO.**

Courtesy Colman's Rural World

First row, reading left to right: W. T. Flournoy, owner of 100-acre apple orchard; Prof. H. C. Irish, superintendent Missouri Botanical Garden, St. Louis; T. C. Wilson, secretary Apple Growers' Congress; Hon. Norman J. Colman, editor Colman Rural World; Henry M. Dunlap, president Apple Growers' Congress; Geo. T. Tippin, statistician Apple Growers' Congress; Wm. Scott, U. S. Government Pathologist; W. A. Taylor, U. S. Government Pomologist. Between Colman and Dunlap, U. T. Cox, prominent Ohio apple grower. Between Dunlap and Tippin, Prof. T. J. Burrill, Horticulturist, Illinois University. Between Tippin and Scott, A. F. Nelson, prominent Ozark fruit grower. Between Scott and Taylor, Prof. L. R. Taft, Michigan University.

the eastern counties of Kansas. In Colorado the apple growing is confined largely to two sections, including the valley of the Grand river, which is commonly known as the Grand Junction district. This is situated on the western slope of the Rockies. On the eastern slope of the Rockies, in what is known as the Canon City district, there is considerable attention devoted to commercial apple growing.

The California apple growing district is largely centered around Watsonville and this is the principal point of shipment. Farther north in the state, however, there are several valleys where large quantities of apples are grown. In the Pacific northwest the States of Montana, Idaho, Oregon and Washington have limited areas where apples, usually of very fine quality, are produced. In these sections the apple growing is confined mostly to river valleys, consequently the acreage is not very large in any one district. There are numerous small sections west of the Mississippi in addition to those above noted that grow apples commercially, but broadly

of strawberries, and he picked some 32,000 quarts of raspberries from six acres. In one day 98 cases, or 2,352 quarts were picked.

## BOXES FOR EXPORT FRUIT

John C. Covert, U. S. Consul at Lyons, France, says:

A large fruit dealer in Lyons told me that the packing of American apples is not all that could be desired for the French market. He thinks the method of packing would be greatly improved, for so long a voyage, if rectangular boxes were used instead of barrels, with three layers of apples, sheets of paper between each layer, and heavy paper at the sides and ends of the boxes—the fruit to run about sixty pounds to the box. When packed in barrels he says, the fruit is bruised by contact with the different layers of apples, the fruit in the lower layers supporting a heavy weight during the long voyage. I suppose this hint is as valuable to shippers sending apples to England as it is to those shipping to France. Americans might adopt the box method of packing, thus preserving their fruit and having a system that, in the course of time, would be distinctively American.

## FORTY DOLLARS PER TREE

**Average Yield of a Pecan Orchard at Ten Years from Planting—Four Dollars Per Tree at Fifth Year—Better Than a Gold Mine—Life of the Pecan Tree Is Many Hundred Years.**

C. H. BAUER, Olga, N. C.

I have an idea as to what kind of an orchard pays best and a few reasons why it pays best.

The pecan nut orchard is considered by many horticulturists to be the best paying. It is an important industry. Increasing and more intelligent attention is being given each year to the planting and cultivating of the pecan. The permanent and increasing annual value of the tree is realized. Experimental stages have been passed and the outlook for the industry is brighter than ever.

The demand for fine nuts for table and confectionery purposes is constant and the supply of fine nuts is entirely inadequate. They are easy to market as they can always be held for a high price.

The trees will grow and bear on any kind of soil, and adapt themselves to many conditions. There is a great difference in the quality and market value of the pecan nuts; some are small, thick shelled and of poor quality; the best are from medium to large size with thin shells, well filled, of good keeping quality and delicious flavor. The average yield per tree the fifth year from transplanting may run as high as ten pounds; the seventh year to twenty-five pounds and over, until the tenth year from setting out when a yield of from 50 to 150 pounds may reasonably be assumed.

Fine nuts sell at 40c per pound upwards. Selected specimens are sold for planting at prices ranging from 50c to \$3 per pound. There are vast possibilities for the pecan nut in the way of nut oil.

The trees are ornamental. They are good for furniture and fence posts. They are attacked by fewer insects or fungus diseases than any other tree. Their life is said to be thousands of years. I have an orchard of fine pecan trees which I bought of the Co-Operative Nursery Co. of Olga, N. C., at a small cost and I intend to increase the number each year. This will be better than a bank account from the time they commence bearing for myself and many future generations. I have a peach orchard with the pecans which is satisfactory, as the life of the peach is short.

Between the years 1875 and 1895 it looked as if New Jersey would be turned into one vast peach orchard. But the market became glutted, the prices fell and the profits were greatly reduced. Then the yellows began to show in the orchards, the scale followed, and between the two a great many trees were lost. One after another the farmers allowed their orchards to die out without renewal until in some counties there are not ten trees to be found where there were once a hundred. Jersey peaches are not nearly such a factor in the market as they were a number of years ago.

During July 289,000 pounds, or 144 tons, of fruit were shipped from North Yakima by express. This is more than was ever sent from here during July of any previous year.

## FROM WESTERN POINTS

### WESTERN ASSOCIATION OF NURSERYMEN

**Brisk Business Session at Annual Meeting in Kansas City—Representative Attendance—New Members—For Uniform Standard for Grading Stock—Mr. Albertson on Uniform Inspection—Transportation, Fertilizers, Crooked Tradesman, Replacing of Stock at Half Price, Cheap Grafts, Apple Day—A Willis Elected President.**

E. J. HOLMAN, Leavenworth, Kan.

The seventeenth annual meeting of the Western Association of Nurserymen was opened in Kansas City at 10:30 a. m. December 18th by President Youngers. Call to order with the following present: Herbert Chase, E. P. Bernardin, George Johnson, William Baldwin, A. L. Brooke, De Witt Hansen, T. E. Griesa, the Harrison Bros., the Holman Bros., C. G. Ferguson, Ralph Lake, J. A. Lopeman, the Marshall Bros., E. Mohler, J. H. Skinner & Co., J. W. Schuette, F. H. Stannard, W. P. Stark, L. R. Taylor & Son, F. W. Watson, E. S. Welch, George H. Whiting, A. Willis, N. C. Wragg, Peter Youngers, Jr., A. J. Brown and E. Albertson and Col. U. B. Pearsall elected to honorary membership. Former proceedings read and approved.

The following committees were appointed: On obituary, W. P. Stark, A. Willis, Harry Harrison; on membership, E. P. Bernardin, R. Lake, J. F. Schuette; on nomination, E. S. Welch, A. J. Brown, T. E. Griesa.

2 P. M.—President Youngers in the chair. The treasurer reported receipts, \$198.19; expenditures, \$56.69; balance in treasury, \$141.50; approved. Committee on membership reported favorably on the application of H. J. Weber & Sons, Nursery, Mo.; The Gateway Nursery Co., Le Mars, Ia.; The Texas Nursery Co., Sherman, Tex.; and H. F. Bente, Leavenworth, Kans., who were duly elected to membership in the association.

#### ELECTION OF OFFICERS

The committee on nomination reported as follows: For president, A. Willis, Ottawa, Kans.; vice-president, George A. Marshall, Arlington, Neb.; secretary and treasurer, E. J. Holman, Leavenworth, Kans.; executive committee, F. H. Stannard, Ottawa, Kans., W. P. Stark, Louisiana, Mo., R. J. Bagby, New Haven, Mo., D. S. Lake, Shenandoah, Ia., E. P. Bernardin, Parsons, Kans.

Report adopted and ticket elected. President Willis appointed as committee on transportation and tariff: A. L. Brooke, N. Topeka, Kans., E. S. Welch, Shenandoah, Ia., W. P. Stark, Louisiana, Mo., and on programme, E. P. Bernardin, Parsons, Kans., Herbert Chase, Huntsville, Ala., E. J. Holman, Leavenworth, Kans.

#### EXTENDING WHOLESALE PRICES

President Youngers then addressed the Association. W. P. Stark illustrated his topic with many examples. His subject was "Should commercial planters get the benefit of wholesale prices and where should the line be drawn on what constitutes a commercial planter?" A varied discussion followed, but it was left unsettled where the line should be drawn. J. W. Schuette introduced the subject of

a uniform standard of grading stock. This resulted in the creation of the following committee: A. L. Brooke, Ralph Lake, Herbert Chase, F. H. Stannard and J. W. Schuette, with instructions to formulate grades with a view to a national standard on apple, peach, pear, plum and other stock, to make a partial report at this meeting and a full report at the next meeting.

This committee's report was made and with a few alterations by the association



E. J. HOLMAN, Leavenworth, Kan.  
Secretary Western Association of Nurserymen

was adopted and will be sent out in separate form. J. W. Hill was absent, but later in the session E. Albertson of the American Association reported on the work of the different organizations that were laboring for the uniformity of inspection in the states. T. E. Griesa thought the replacing of trees at one-half price the proper thing. A. Willis' remarks demonstrated that the shingle tow people would not hesitate to squeeze the nurserymen. E. S. Welch thought that small grades of stock if healthy, were valuable for mailing and lining out; all bad stock should be destroyed. A. C. Griesa being absent, C. G. Ferguson discussed the problem of putting the crooked dealer out of business. He thought some of the crooks could be taken out by straight nurserymen.

#### TRANSPORTATION, FERTILIZERS

Wednesday Morning, Dec. 19.—On the rap of the gavel by President Youngers, F. H. Stannard and E. P. Bernardin introduced tariff and transportation matters which was followed by experiences of nurserymen and many suggestions for the prompt transportation and delivery of nursery stock. J. H. Skinner in the matter of commercial fertilizers profitably

disclosed the fact that such fertilizers had been but little used by Western nurserymen, the virgin fertility being ample. George Marshall denounced the practice of selling cheap grafts from low grade seedlings resulting in bringing a poor grade tree in competition with the perfect tree grown by the careful nurseryman.

#### PERSONNEL OF MEMBERSHIP

A. L. Brooke was strongly of the opinion that though others than nurserymen might be admitted to membership in nurserymen's associations, yet none but nurserymen should mainly officer and manage their affairs. R. J. Bagby was not present, but sent a paper which was ordered published in AMERICAN FRUITS and National Nurseryman by his consent. Peter Youngers, Jr., on the bankrupt law being a farce proved it by experience with a bankrupt. C. L. Watrous was absent, but E. Albertson ably disposed of his topic, giving encouragement and strengthening the hope for uniform inspection laws. Stock report was ordered passed for 1907. A two-days' meeting was ordered to be held July 9-10, 1907. The committee on resolutions presented the following report which was heartily adopted:

#### RESOLUTIONS

First, that we extend to the press our thanks for the many courtesies extended which have materially assisted this Association.

That we extend a vote of thanks to the management of the Coates House for the courteous treatment accorded the members while their guests.

That we are heartily in favor and recommend the establishment of a day known as "Apple Day."

That we thank all the members who have contributed to make this meeting a success, and especially Mr. Albertson who has given us the benefit of his advice.

And that a special vote of thanks be extended to our officers for their untiring work in our behalf and to our retiring president, Mr. Youngers for his fair and courteous treatment as our presiding officer.

#### TO EXTEND MEMBERSHIP

President Peter Youngers in his address to the Western Association of Nurserymen said:

Seventeen years ago I had the pleasure and honor to assist in the organization of this Association. Our object at that time was to limit the association to the wholesale nurserymen only, with time; the idea of a great association of all men engaged in the nursery pursuits seemed to meet the approval of all the old members, and the hand of welcome was extended until we are now in a fair way to realize a real live Western Association of Nurserymen, and I trust that we will soon have every nurseryman west of the Mississippi river on our membership roll, and I would recommend that our secretary prepare a letter and send it to every worthy nurseryman in our territory, covering the objects of this Association and an outline of our work, and invite them to become members of our organization.

#### HORTICULTURAL MEETINGS

New York Fruitgrowers, Penn Yan	Jan. 2, 3
New Jersey, Trenton	Jan. 3, 4
Peninsula, Dover, Del.	Jan. 8, 10
Oregon, Portland	Jan. 8, 10
Arkansas, Clarksville	Jan. 15, 16
Rhode Island, Providence	Jan. 16
Pennsylvania Ass'n, Harrisburg	Jan. 16, 17
Northwest Fruit, Seattle, Wash.	Jan. 16, 18
Montana, Kalispell	Jan. 16, 17
West Virginia, Charleston	Jan. 17, 18
Western New York, Rochester	Jan. 23, 25
Eastern Nurserymen, Rochester, N.Y.	Jan. 25

## MORE HINTS TO NURSERY ADVERTISERS

**W. F. Schell Indorses Criticism Made by P. A. Dix Upon Nursery Advertising—Some Experiences Related—Retail Nurserymen Ask That They be not Subjected to Unnecessary Delay and Disappointment in Effort to Obtain Nursery Stock—Opinion by Prominent Eastern Nurserymen.**

**Editor AMERICAN FRUITS:**

I am in receipt of your December number of AMERICAN FRUITS, and read with a good deal of interest the article of P. A. Dix of Roy, Utah—"Hints to Nursery Advertisers Who Are the Wholesale Nurserymen of the United States." Mr. Dix has surely sounded the keynote when he says that many nurserymen advertise nursery stock they do not have which is misleading and unfair to the public. The writer sees ads. in your paper where certain classes of stock are offered for sale and we know they have not in stock what they advertise, for the reason we have written them and we get in answer the same old chestnut as Mr. D. asserts: "We are sorry; just sold out."

Would it not be more manly and honest to the purchaser for these parties to advertise only what they have to offer. In so doing they could be relied upon and would make sales quickly without any deception. All will agree that this plan would be best, if they listen for a moment and consider it. The writer has noticed at the national conventions members resolve one thing and do another. They have thousands of a certain variety of trees for sale. "Send me your list of wants; I will make you low prices for good stock," and after you have gone to the trouble to specify your wants with a lot of pains to have it just so, then the answer comes back, "We are indeed sorry, but are sold out of most of the kinds wanted," and perhaps can furnish one-quarter of the order, etc.

I heartily endorse every word that Mr. Dix has said and I often think that the Eastern wholesale nurserymen think us fellows in the West are a lot of chumps by trying to hoist on us a lot of inferior stock that cannot be sold in their localities but think the westerner will take it, use it, and not say a word. I have seen so much of this the past thirty years that I can't help but express my sentiments along with Bro. Dix, who I know is correct.

I am in hopes that this will be agitated so that in the future or in time wholesale nurserymen will only advertise what they have to sell so that the retail nurserymen may not be longer deceived.

In saying this I allude to no one personally, and say what I have in the utmost good feeling, but sincerely believe such wrongs should be righted.

I am glad to note the improvement of AMERICAN FRUITS, as it contains lots of good news for the nurseryman and is worthy of the support of every nurseryman of the country. I wish you an abundant future.

W. F. SCHELL,  
Proprietor Wichita Nursery.  
Wichita, Kans., Dec. 11th.

**W. & T. SMITH CO'S OPINION**

**Editor AMERICAN FRUITS:**

In regard to the article by Mr. Dix, criticising advertisements for eastern nurserymen, would say that in our opinion very little stock is advertised for sale which nurserymen are not able to supply in either large or small quantities. It

frequently happens that nurserymen advertise some scarce articles of which they have a limited supply together with other items which they may have in larger surplus and purchasers who are looking for the scarce things, order only these items, and naturally the advertiser wants to sell a general selection including items which are more plentiful and may turn down orders for things which would not be policy to sell alone.

This is a possible answer which occurs to us, otherwise we do not think any nurseryman would be foolish enough to spend money in advertising commodities which he is unable or unwilling to sell.

We think all trade papers should refuse to accept priced advertisements, as we know that the majority of nurserymen refuse to advertise in papers admitting this class of advertisements.

We also think it is most unwise for nurserymen to advertise quantities of stock they have for sale, and especially to advertise greatly modified quantities, as is often done in order to lend improvement to the size of the nursery, etc.

This only brings about increased competition and a general lowering of prices.

W. & T. SMITH COMPANY.  
Geneva, N. Y.

**FROM STORRS & HARRISON CO.**

**Editor AMERICAN FRUITS:**

We hardly think that Mr. Dix or Mr. Schell are very sincere in making the criticism they do in regard to advertisements. Do not think that either of them would ever buy or order a large bill of goods without sending out lists and getting prices on them before placing their orders.

However, the practice of placing an ad. in the trade papers, as we, and as a good many others do, made up early in the season, and then neglecting to change the ad. and letting it stand until some varieties are exhausted, would be perhaps, open to objection. We wish that the advertising of quantities could be placed under the same ban as the advertising of prices. We generally make up our mind when the paper comes in, that we will change the ad. before the next issue is out, and think of it again when we get the next issue. Of course, it would be better, if the advertisements which state the quantities or varieties could be revised every month. However, it would be impossible for anybody to depend on getting at all times the varieties named in an advertisement. We may have thousands of a certain variety, which we advertise in AMERICAN FRUITS, or any other trade paper, and then be sold out of them, long before we could get letters from Kansas or Utah, and, of course, the ad. would have to stand the whole month.

THE STORRS & HARRISON CO.  
Painesville, O.

**MEAN TO DO THE RIGHT THING**

**Editor AMERICAN FRUITS:**

We think a little agitation of this subject may be beneficial to the trade, leading to more frequent revisions of advertise-

ments and greater care to avoid advertising something which cannot be supplied. We take it, however, that the average business man will not intentionally spend money to advertise something which he cannot supply.

Every nurseryman knows that changes in stock on hand are of daily occurrence. We believe that few sales are made through the advertisement—that most stock is quoted on lists, furnished by the intending purchaser and that most of these quotations are made subject to goods being unsold when definite order is received. We apprehend that even under the best management, there is liable to be a little friction of this kind, for the reason that nursery stock is not a manufactured article and being perishable, has to change hands pretty rapidly, especially at certain seasons.

Referring to Mr. Schell's statement in which he seems to think that some of the eastern wholesale nurserymen are inclined to send their inferior stock to the western customers, would say that we do not believe that there is the slightest discrimination in this respect. We are quite positive that the eastern nurserymen do their very best to fill all orders in the grade specified. We believe that the nurserymen both eastern and western, as a rule, mean to do about the right thing by their trade.

BROWN BROS. COMPANY,  
Chas. J. Brown, Pres.  
Rochester, N. Y., Dec. 19th.

**SUGGESTIONS ARE VERY GOOD**

**Editor AMERICAN FRUITS:**

In regard to the subject referred to by W. F. Shell, of Wichita Nursery Co., and P. A. Dix, of Roy, Utah, I think their suggestions very good, and believe we, as nurserymen, should pay more attention to our advertisements. I believe the nurserymen of the United States pay less attention to their advertisements than any other class of trade. If you will compare the nursery advertisements with the automobile people, you will find the nurseryman's advertisements are not so attractive, and are not changed from time to time as theirs.

We try to make it a point to change our advertisements each month, of what we have in surplus at that date, but sometimes it occurs that the copy is sent in too late to make the change. A firm may have several hundred thousand trees and still be short on the kinds asked for, which is often the situation.

I have no idea of what particular firm the above refers to, as carrying their advertisements, but let it be as it may, it is a very good suggestion.

J. G. HARRISON & SONS.  
Berlin, Md., Dec. 21st.

**ARE DOING IT FOR US**

For a time we counted up the excess of news items in AMERICAN FRUITS over those in other similar journals. Now our subscribers are voluntarily doing this and every mail brings expressions of high appreciation of this journal. Our modesty forbids further comment, but we are very grateful.

**FOR NURSERYMEN**

A few nurserymen who evidently do not read closely the columns of AMERICAN FRUITS mistake this journal for an orchardists' publication. AMERICAN FRUITS is strictly a trade journal for Nurserymen and as such it is read by more Nurserymen than is any other journal published. It has repeatedly been declared by prominent Nurserymen to be the *Nursery Trade Journal of America*.

The name—AMERICAN FRUITS—represents the aim of American Nurserymen.

## AMERICAN FRUITS

An international monthly Nursery Trade Journal, circulating throughout the United States and Canada and in foreign countries, covering every branch of the industry. A Business Journal for Business Men.

PUBLISHED BY THE

**American Fruits Publishing Company**

16 State Street, Rochester, N. Y.

RALPH T. OLcott

E. J. SEAGER

Chief International Publication of the Kind

"American Fruits Sets the Pace."

### SUBSCRIPTION RATES

One year, in advance,	- - -	\$1.00
To Foreign Countries, in advance,	- - -	1.50
Single Copies,	- - -	.15

Advertising rates will be sent upon application. Advertisements should reach this office by the 15th of the month previous to date of publication, to ensure best location.

Drafts on New York, or postal orders, instead of checks, are requested.

Correspondence from all points and articles of all kinds, of interest to the Nursery Trade, and allied topics are solicited.

Rochester, N. Y., January, 1907

### NURSERY ASSOCIATIONS

**American Association of Nurserymen**—President, Orlando Harrison, Berlin, Md.; secretary, George C. Seager, Rochester, N. Y.

**American Nurserymen's Protective Association**—President, R. C. Berckmans, Augusta, Ga.; vice-president, A. L. Brooke; secretary, Thomas B. Meehan, Dresherstown Pa.; treasurer, Peter Youngers. Meets annually in June.

**American Retail Nurserymen's Protective Association**—President, Charles J. Brown, Rochester, N. Y.; secretary, Guy A. Bryant, Princeton, Ill. Meets annually in June.

**Association of Oklahoma Nurserymen**—President, J. A. Lopeman, Enid, Okla. Terr.; secretary, C. E. Garee, Noble, Okla. Terr.

**Canadian Association of Nurserymen**—President, E. D. Smith, Winona; Secretary, C. C. R. Morden, Niagara Falls.

**Eastern Association of Nurserymen** President, W. C. Barry, Rochester, N. Y.; secretary-treasurer, William Pitkin, Rochester, N. Y. Meets annually in January.

**National Association of Retail Nurserymen**—President, William Pitkin, Rochester, N. Y.; secretary, F. E. Grover, Rochester, N. Y.

**Nurserymen's Mutual Protective Association**—President, N. H. Albaugh, Phoneton, O.; secretary, George C. Seager, Rochester, N. Y. Meets annually in June.

**Pacific Coast Association of Nurserymen**—President, F. W. Power, Chico, Cal.; secretary-treasurer, C. A. Tonneson, Tacoma, Wash. Meets annually in June.

**Pennsylvania Nurserymen's Association**—President, W. H. Moon, Morrisville, Pa.; secretary, Earl Peters, Mt. Holly Springs, Pa.

**Southern Nurserymen's Association**—President, John A. Young, Greensboro, N. C.; Secretary, Charles T. Smith, Concord, Ga.

**Tennessee Nurserymen's Association**—President, J. C. Hale, Winchester; secretary, G. M. Bentley, Knoxville.

**Texas Nurserymen's Association**—President, E. M. Kirkpatrick, McKinney, Tex.; secretary, F. W. Malley, Garison, Tex.

**Western Association of Nurserymen**—President, A. Willis, Ottawa, Kan.; secretary, E. J. Holman, Leavenworth, Kan. Meets in July and December at Kansas City.

**West Virginia Nurserymen's Association**—President, W. A. Gold, Mason City; secretary, R. R. Harris, Harrison.

### AMERICAN ASSOCIATION

President, Orlando Harrison, Berlin, Md.; vice-president, J. W. Hill, Des Moines, Ia.; secretary, George C. Seager, Rochester, N. Y.; treasurer, C. L. Yates, Rochester, N. Y. Executive Committee—Emery Albertson, Bridgeport, Ind.; J. H. Dayton, Painesville, Ohio; F. H. Stannard, Ottawa Kansas.

Transportation—W. C. Reed, Vincennes, Indiana. Tariff—J. C. Hale, Winchester, Tenn. Ways and Means—J. W. Hill, Des Moines, Iowa. Legislation—R. C. Berckmans, Augusta, Ga. Programme—Eugene Stark, Louisiana, Mo. Publicity—J. M. Irvine, St. Joseph, Mo. Exhibits—Thomas B. Meehan, Dresherstown, Pa. National Council of Horticulture—Charles J. Maloy, Rochester, N. Y.

Arrangements—Charles A. Ilgenfritz, Monroe, Mich. STATE VICE-PRESIDENTS—Alabama, H. S. Chase, Huntsville; Arkansas, W. G. Vincenzer, Fayetteville; Colorado, A. M. Ferguson, Denver; California, F. W. Power, Chico; Connecticut, C. R. Burr, Hartford; Delaware, D. S. Collins, Milford; Florida, Aubrey Frink, Glen Saint Mary; Georgia, R. C. Berckmans, Augusta; Illinois, George Winter, LaSalle, Iowa, J. W. Hill, Des Moines; Indiana, H. D. Simpson, Vincennes; Kansas, E. P. Bernardin, Parsons; Kentucky, H. F. Hillemeier, Lexington; Indian Territory, W. R. Collins; Duran, Louisiana, A. K. Clingman, Keithville; Maryland, Howard Davis, Baltimore; Massachusetts, H. P. Kelsey, Salem; Michigan, C. A. Ilgenfritz, Monroe; Minnesota, W. H. Underwood, Lake City; Mississippi, S. W. Crowell, Rich-Missouri, R. J. Bagby, New Haven; Nebraska, G. A. Marshall, Arlington; New Hampshire, John C. Chase, Derry; New Jersey, E. Runyan, Elizabeth; New York, John B. Morey, Dansville; North Carolina, J. Van Lindley, Pomona, Ohio, John Stebenhafer, Dayton; Oregon, J. B. Pilkington, Portland; Oklahoma, J. A. Lopeman, Enid; Pennsylvania, J. Horace McFarland, Harrisburg; South Dakota, G. H. Whiting, Yankton; Tennessee, E. W. Chatlin, Winchester; Texas, C. C. Mayhew, Sherman; Utah, P. A. Dix, Salt Lake City; Virginia, W. T. Hood, Richmond; West Virginia, B. T. Southern, Clarksburg; Wisconsin Mrs. Z. K. ewett, Sparta.

### AMERICAN FRUITS

### THE OLD AND THE NEW

Nurserymen enter upon a new year with the added encouragement which 1906 provided in the way of heavy sales and increased demand for stock. Business has been good all along the line and prospects are bright.

Association matters have taken on new life as the result of a record-breaking convention in Dallas. All eyes are turning toward Detroit and with a practical programme there should be both pleasure and profit in attendance.

The chairman of the executive committee of the American Association occupies a leading position by reason of the authority vested in him at the last convention. Mr. Albertson has accomplished much for the Association, but it should be remembered that he has not undertaken to give his full time to the Association work. At the salary named by the Association he has undertaken to look after general transportation matters. The business of traffic manager to look after personal claims would require full time and a corps of office assistants. The matter of express company business, too, requires attention, but there has been no time yet to do it. These are subjects that may well be considered at the Detroit meeting.

In the meantime members of the Association should consider what general and special matters should be discussed at the Detroit convention. It is extremely advisable that the rank and file of the membership should take an active part in the proceedings. By their votes they declare the action of the Association on all topics.

### ASSOCIATION MATTERS

One of the chief characteristics of AMERICAN FRUITS has been its devotion to the interests of the American Association of Nurserymen. All along it has published pages regarding the Association when no other journal has given more than paragraphs. This is a matter of record in cold type and can be seen by all. At last we have aroused others to the importance of this subject to such an extent that even our original heading, "Association Matters", has been appropriated.

We are glad to note the result of our missionary work and are proud to see our style adopted verbatim, and thereby indorsed.

We shall continue to set the pace and shall do all in our power to advance the interests of the American Association of Nurserymen, and to educate other journals to see the importance of this work.

### THE SAN JOSE SCALE

For years the nurserymen of this country have heard much about the San Jose scale. Ten years ago it was the privilege of members of the American Association to listen to the reading of long papers on this subject by entomologists at nursery conventions. As time elapsed and orchards increased and crops expanded wonderfully, it was decided that nurserymen knew about all that could be learned of the danger from the scale and that their attention could be profitably directed in other practical directions.

Now the attention of nurserymen is again being directed to the scale by entomologists. Reports from Michigan, Indiana, Pennsylvania and other states cite great spread of the scale and danger to orchards. There is probably need of action in the matter of pruning and spraying trees. We believe this will be done. Actual damage in large measure by the scale will arouse orchardists as quickly as anything. In the meantime all should be on the alert and should become familiar with spraying materials, apparatus and directions.

### MEMBERS ARE WATCHING

There is a great field for the American Association of Nurserymen. Such men as former President Albertson, Chairman W. C. Reed and Vice-President J. W. Hill are showing what can be done in the way of practical results. There are other members whose work is counting in a marked degree for the welfare of the Association. We do not need to name them here. The membership in general is watching the progress of events closely, and the columns of this journal are open at any time for a free expression of opinion.

The work that is unselfish and that is prompted by a spirit of entire loyalty to the organization is to receive full recognition at the hands of the members. Eyes have been opened within the year to the necessity for taking matters in hand and for conducting the Association in such a manner that it will produce the greatest results for the greatest number.

We confidently expect that the Detroit convention next June will result in a distinct advance in several ways for the permanent good of the organization.

### ADVERTISING QUANTITIES

The article by P. A. Dix, Roy, Utah, in the last issue of AMERICAN FRUITS receives hearty endorsement in this issue by W. F. Schell, Wichita, Kan. We sought opinions from Eastern nurserymen upon the criticism by the gentlemen named. The concensus of opinion is that it is safer not to advertise quantities of stock which nurserymen may have on hand at the time, because ere the life of the advertisement has expired the stock may be so reduced as to necessitate disappointment to intending purchasers.

Upon looking over the advertising columns of this journal we find that very few nurserymen advertise quantities.

### NURSERYMAN GIVES \$500,000

We take pleasure in recording the fact that William Smith of W. & T. Smith Company, Geneva, N. Y., has given \$500,000 to Hobart college to found a woman's school in connection with that college. Credit has been reflected upon the entire trade by the liberality of one of its leading members. Mr. Smith has been a benefactor of the Young Men's Christian association, the City hospital and the College library. His primary aim, however, has been a college for women, and he finally decided, the trustees of Hobart college consenting, to found such an institu-

tion as a department of that historic seat of learning which for almost ninety years has been an important fact in the life of Geneva. The trustees have accepted the gift gratefully.

#### PRICED ADVERTISEMENTS

A leading nursery firm in another column expresses the opinion that trade papers should refuse to accept priced advertisements. This exactly coincides with the policy which AMERICAN FRUITS has maintained from the outset. Under this arrangement all advertisers are placed upon an equal footing and general satisfaction results.

#### NEW TEXAS PEACH

A dispatch from Houston, Tex., says: The peach tree in the yard of Louis Thiel, 903 Bethe street, Brunner, is attracting attention from the fruit growers and orchardists of the state, and C. J. Caywood, father of Mrs. Thiel, as the originator of the peach, is receiving letters of inquiry from such persons as F. W. Mally of Garrison, E. W. Kirkpatrick of McKinney, F. T. Ramsey of Austin, H. M. Stringfellow of Lampasas, who want buds with which to experiment the coming season.

The most interesting feature of the new variety is that it is well adapted to the soils of the Gulf Coast belt, and in an interview Mr. Caywood stated that a nursery would probably be established near Houston for the purpose of propagating buds for commercial orchards, also young trees for orchard purposes. The new peach is a clingstone and is named May Thiel.

#### IMPORTS OF NURSERY STOCK

The following table shows the comparative value of nursery stock imported into the United States during the years ending June 30, 1903, 1904 and 1905, and the countries from which the stock was received:

	1903.	1904.	1905.
Belgium .....	\$239,637	\$223,666	\$223,181
Bermuda .....	49,726	32,954	35,424
France .....	261,777	283,787	297,850
Germany .....	93,139	111,871	98,901
Japan .....	61,255	68,584	71,222
Netherlands ..	535,442	644,059	642,859
United Kingdom	99,847	95,513	106,326
Other countries	32,375	35,993	36,303
Total.....	\$1,373,198	\$1,496,427	\$1,512,066

#### NURSERY STOCK EXPORTS

Exports of nursery stock from the United States have been to countries as follows:

	1903.	1904.	1905.
Canada .....	\$51,890	\$71,062	\$69,143
Cuba .....	24,651	36,653	62,881
Germany .....	14,074	9,060	14,700
Mexico .....	8,960	15,573	19,771
Netherlands ..	19,812	12,576	10,697
United Kingdom	28,372	120,730	23,930
Other countries....	11,200	22,226	18,101
Total.....	\$158,959	\$287,880	\$219,223

Among the exports were the following: Alaska, \$264; Hawaii, \$1,931; Porto Rico, \$1,387; Philippine Islands, \$89; Tutuila, \$8. The values of our imports were: From Hawaii, \$78; Philippine Islands, \$2,044.

G. D. McKissick, Fairmont, Minn., reports a good trade. All nursery stock grew well last season. Mr. McKissick has purchased a beautiful lake shore tract of land just outside of Fairmont for the permanent home of his nurseries, at a cost of \$10,000.

## NURSERY BUSINESS IN CALIFORNIA

Some Hard Facts for Tree Growers in the Golden State to Consider—Present Need is for Shrewd Men of Business—Eastern Nurserymen Are Shipping Carloads of Nursery Stock into California, but Whoever Heard of a Carload Going Out?—Why not Grow Trees in California for Sale Abroad—Easterners Are Doing it.

LEONARD COATES, California.

All of the earliest nurseries were located near the Bay of San Francisco, or its branches, or along river banks near to tide water. It did not seem possible that elsewhere trees or plants could be grown, in a climate where no rain fell for six months at a time. Perhaps I may select four names as typical of our California pioneer nurserymen without detracting from the honored memory of others equally deserving: B. S. Fox, John Lewelling, James Shinn, John Rock. The work of these men lives on, and, as an instance of their enterprise, it is worthy of mention that in 1859 B. S. Fox had in his nursery in Santa Clara county 263 varieties of apple, 324 of pear, 89 of peach, 71 of cherry, 56 of plum, 14 of nectarine, 18 apricot, 21 of currant, 86 of gooseberry, 12 of raspberry, 122 of foreign grapes, 21 of figs, etc. In

retail market of the United States is ours, or a good share of it, for seeds, and also, in time, for bulbs. The latter are being grown successfully, and it only requires a knowledge of the necessary conditions, and an application of that knowledge, to insure success with all branches of mercantile bulb culture in California.

These "climates" of California constitute our most valuable asset. It is because of this that it is no idle statement that nowhere else in the world, in the same area, can be successfully grown so great a variety of crops as in the State of California.

#### MANY CARLOADS OF TREES

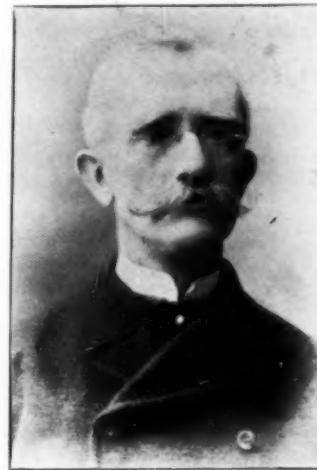
Many earloads of trees are shipped into California, but when did we hear of a carload being shipped out of the state? "California" is the name which sells fruits all over the length and breadth of the land. Why is it not likely that thousands of planters would like California-grown trees if they could get them? New Jersey and New York nurserymen grow hundreds of thousands of roses annually in California for their eastern trade, because in eight months they can get a better plant than they can there in two years. For more than half a century seed and bulb collectors from Europe and eastern states have been searching California for new species and supplying nursery firms and seedmen all over the world. Why cannot these native seeds and bulbs be catalogued and advertised extensively in the United States and abroad in order to work up a direct trade with the planter? Or why can not these native plants, shrubs and trees be grown extensively for retailing outside of our state. You will, to-day, find in the parks and private grounds of people of refinement in Europe more specimens and a larger variety of California trees and shrubs than can be found at home.

#### A MORE FRATERNAL SPIRIT

We need a more fraternal spirit, and the calling of this meeting of the Pacific Coast Nurserymen's Association is, I hope, a means to this end. Not only is there ample room for all now engaged in the business, but room for many more, of the right kind. We must sink all petty jealousies and suspicions, let our views be broadened, and let us be ready to "live and let live." There are many other "present needs," general and local. Of the latter, a wholesale nursery for the growing of apple, pear, cherry, and plum seedlings is badly wanted; we are still in that extravagant, spendthrift stage when we continue to send money away for what we can produce at home.

I would prefer to deal with hard facts rather than to plunge into the realm of prophecy and let the imagination run riot in an attempt to portray the "future possibilities" of the nursery business in California.

And yet they have already been hinted. Give us more men of enterprise and horticultural ability, give us better transportation facilities, give us a parcels post, and there is practically no limit to the growth of the nursery business of California.



LEONARD COATES

1858 W. C. Walker of San Francisco exhibited 264 varieties of ornamental plants in pots, and about the same time A. B. Smith of Smith's Gardens, Sacramento, was propagating fruit trees on a large scale, and also demonstrating the profit in growing fruit in those days, the crop from two of his peach trees netting him one year \$326.50.

#### NEED BUSINESS MEN

The nursery business in California needs, first, and more than anything else, just such men as those I have named. We want not only men who are skilled horticulturists, but shrewd men of business, who ought to be able to see something of what the future has in store. Compared with nurseries in the western, southwestern and eastern states, our largest concerns here are but pygmies. It may be said that the demand alone will create the supply. In a sense this is true; but supply also, and the naturally accompanying advertising, creates demand. There are many ways by which the nursery business of California might be augmented. Why is it that eastern firms can do such an enormous mail-order trade, and we can not do it here? We grow the seeds here, wholesale them east, and let the California public buy them of the eastern houses, to plant near where they were grown. The

## TOPICS OF THE TRADE

### GREAT VALUE TO SHIPPERS

Editor AMERICAN FRUITS:

Just a word in addition to all that has been said in commendation of the excellent work of the Transportation Department of the American Association of Nurserymen.

We refer to the Shippers' Table which is of inestimable value to all shippers; even the smallest seller cannot afford to stay out of the Association, as the helps to business which are coming along from time to time, through the Association, to its members are too great to be overlooked.

BROWN BROTHERS COMPANY,  
Chas. J. Brown, Pres.

### FRUIT TREES ON ROADSIDES

Almost every civilized country in Europe utilizes the roadside for the growing of nut and fruit trees. Why not in the United States? says M. Maas, of Battle Creek, Mich.

In the section of Germany where Mr. Maas came from there are no butter nuts or hickory nuts. The nuts grown along the roadsides are black walnuts, English walnuts and hazel nuts. The latter are a great deal larger and a finer nut than our hazel nut. When Mr. Maas returned to his old home after an absence of 28 years he ate nuts from trees that he planted when a boy.

### ORCHIDS WORTH \$250,000

The London Mail says that during the recent Temple flower show in London a plain-clothes detective guarded the orchids there displayed, valued at \$250,000. Mr. Sander, of St. Albans, said:

"Throughout the last two days I scarcely removed my glance from the odontoglossum erisipum Leonard perfect, which I sold for over £1,000. It consisted of about six flowers—large, rounded, with a reddish brown blotch bordering with white. Fortunately, the buyer claimed it yesterday."

"Orchid growers do not insure their plants, but should an expensive specimen be stolen the owner could recognize it years afterward. No two orchids in the higher varieties are alike; they resemble thoroughbreds in that they have 'points'."

Messrs. Sander won the gold cup, the gold medal and the Veitchian cup at the Temple show.

Fourteen hundred pounds sterling was the price paid to Hugh Low & Co. by a visitor to the show for a specimen of the odontoglossum erisipum Fearnley Sander. There were only three flowers, which give a trifle over £466 for a buttonhole—if anyone is enough of a Croesus to wear such a decoration. This flower, which is worth thirty times its weight in gold, has a thin white border. The rest of the petal is heavily barred and blotched with a cinnamon brown which in the sunlight assumes the hue of highly burnished copper.

### TAKE PLEASURE IN ADVOCATING IT

C. E. Bassett, Fennville, Mich.—"We appreciate your journal and what it is doing for the cause of horticulture and I shall take pleasure in calling the attention of our officers and members to its merits."

### FRUIT TREES IN KANSAS

Kansas has 6,654,536 apple trees, 4,621,147 peach trees, 652,275 cherry trees, 602,013 plum trees, 243,451 pear trees, and 190,708 apricot trees in bearing this year. W. H. Barnes, secretary of the State Horticultural Society, compiled a table showing the number of trees in each county. The reports are made to Mr. Barnes by the assessors, and the number of trees given for each county is the number March 1, 1906. The assessors in Hamilton and Seward counties did not make their reports, so the figures used are those of a year ago.

Leavenworth county heads the list with the number of apple trees in bearing 320,979. Doniphan, Lyon and Reno counties are next in order with 273,797, 231,131, and 211,569, respectively. Morton county has only 16 trees, Stanton 72, Grant 52, and Greeley 83.

Jewell county is the banner peach county, with 221,242 bearing trees. Wyandotte and Reno counties have the largest number of cherry trees. Wyandotte county also leads in the number of plum trees, 20,753. Reno county has the largest number of pear trees, 12,978.

### TRADE NOTES

The Queen City Nursery Company, with a stock of \$500, has been incorporated by A. E. Betts, A. L. Petts and W. H. Betts, at Sioux City, Ia.

The Eagley-Gober Orchard Company, of Americus, Ga., has decided to plant an additional 100,000 peach trees, making the total nearly half a million.

The Wichita Nursery, Wichita, Kan., of which W. F. Schell is the proprietor, has a cellar capacity of 100,000 trees and a packing room 40x100 feet.

Stanley H. Watson, editor of the Southwestern Farmer, delivered an address on marketing truck and fruit before the institute workers at Baton Rouge, La.

George H. Lamberson, secretary of the State Board of Horticulture, died at Portland, Ore., on December 4th. He was a native of New York, and was 53 years of age.



HOTEL CADILLAC, Detroit

Where American Association Convention was Held in 1903.

### NATIONAL RETAIL ASSOCIATION

The annual meeting and banquet of the National Association of Retail Nurserymen of which William Pitkin is president and F. E. Grover is secretary, will be held in Rochester, N. Y., on January 22d. Committee on arrangements: B. F. Allen, W. W. Wyman, E. S. Osborne.

### ONE COPY WORTH FULL SUBSCRIPTION

J. F. Littooy, Everett, Wash.—"The one sample copy of AMERICAN FRUITS you sent I consider more than full value to cover the amount of the subscription which I enclose."

San Jose scale will be a principal topic at the convention of the New York State Fruit Growers' Association at Penn Yan, January 2-3.

N. C. Wragg, Waukeen, Ia., was chairman of the committee on awards at the annual meeting of the Southwestern Iowa Horticultural Society meeting at Council Bluffs.

Officers of the newly organized Ontario County, N. Y., Fruit Growers' Association are: President, C. S. Wilson, Seneca; vice-president, A. B. Katkamier, Farmington; secretary, Joel A. Page, Seneca; treasurer, Frank A. Salisbury, Phelps; executive committee, Clarence T. Ottley, Seneca; A. Mapes, Hopewell; J. B. Coville, Naples.

J. H. Dayton and E. Albertson called on Rochester nurserymen last month on their way to attend a meeting of entomologists in New York city.

A pamphlet of interest to nurserymen is Bulletin 132 of the Maine Agricultural Experiment Station on the subject of "Plant Breeding in Relation to American Pomology." The bulletin briefly epitomizes the history of plant breeding as applied to the development of American fruits. The subjects discussed are: Beginnings of systematic breeding; the development of American pomology; results of breeding, and unsolved problems. The address of the Station is Orono, Me.

It is stated that the extent of the Florida orange crop will more nearly approximate to that of 1895, when the great freeze of February 5th ruined the fruit of a 5,000,000 box yield, much of which was still ungathered, and killed to the ground the greater portion of the trees that produced them. Since that disaster Florida has never worked up to more than 250,000 boxes of oranges for one year's output. What will be the actual harvest of any season depends on the temperatures between January 20th and February 10th to 15th.

There is little doubt that the purchase by the Harriman lines of 6,000 refrigerator cars means that the great fruit crop of California, which has amounted, roughly, to 30,000 cars a year, will hereafter move to Eastern destinations without much dependence upon the excellent, but heretofore more expensive, service of the private lines. This is the conclusion arrived at by the Railway Gazette.

**RIDICULOUS IN EXTREME**

In his address on "Inspection Laws" before the Western Association of Nurserymen last month, R. J. Bagby said:

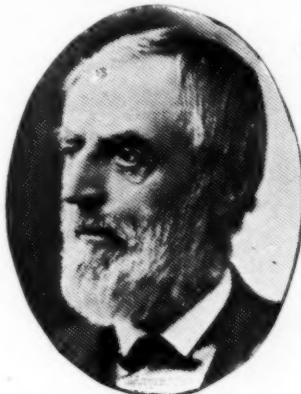
The situation at the present time is ridiculous in the extreme to take the inspection laws as a whole. For instance, we must have special tags for shipments to Oklahoma, Virginia, Georgia, and some other states. Must ship to British Columbia via Vancouver, and must not fumigate shipments to British Columbia as they do that there and must fumigate shipments to New York, Texas and Utah. As conditions are now, would say, better repeal all the state laws and have a convention of state inspectors agree on a uniform law, the requirements of which could be met at the shipper's end of the line so that there would be no uncertainty. The shipper of nursery stock ought to know when the goods are sent out that he will not have to pay the freight and lose the stock. He ought not to be at the mercy of some "little fellow" whom he cannot hold responsible acting in an official capacity as district inspector or horticultural commissioner, or whatever name he may be acting under, rendering unfair judgment, through ignorance perhaps, but costly to the nurseryman and unfair.

The Sioux Valley Nursery Company has been organized in Brookings, S. D. E. Loken of Faulkton is president and C. M. Ostrom of Brookings secretary and treasurer.

Officers of the Horticultural Society of Southern Illinois are President, A. V. Schermerhorn, Kinmundy; vice-presidents, J. C. B. Heaton, E. R. Jinnett, G. W. Endicott; secretary-treasurer, E. G. Mendenhall, Kinmundy.

**AMERICAN FRUITS****FOR NATIONAL INSPECTORS**

The American Association of Official Horticultural Inspectors devoted its chief attention to the discussion of two subjects—the passage of uniform inspection laws, and the national inspection of nursery stock for the interstate trade, both being strongly urged.



WILLIAM SMITH, Geneva, N. Y.  
Who Has Given \$500,000 to Hobart College

One of the recent specialties of Ellwanger & Barry, Rochester, N. Y., is the new hardy white everblooming rose Snow Queen (Frau Karl Druschk). This is described as a continuous blooming variety, beautiful in bud and when fully developed.

**CHAMPION APPLE PICKER**

William Vine, who lives on the Latta road, in Greece, Monroe county, N. Y., has established a new record for the apple country surrounding Rochester, N. Y., by picking sixty-three barrels of apples in one day. The record was made on the farm of John McShea, in the same town. Vine's previous record was sixty barrels. It was made in Orleans county three years ago.

In addition to the championship title, Vine's performance netted him \$6.30 for the day's work. He received 10 cents a barrel.

Something of his ability will be known, however, when the average performance of thirty to thirty-five barrels a day is taken into consideration. Few pickers with the ordinary run of trees can do better than forty barrels.

Vine worked just nine hours and cleaned nine trees. He was picking Baldwins. Two days previous he skinned six trees, getting fifty barrels. Three years ago he was as good as he is to-day. Frequently bets were made on the amount of work he would do. On one occasion there was a bet of \$50 that he would not fill as many barrels in a day. He worked eight hours, filling sixty barrels from six trees. Then he had large trees, well laden. In his work on McShea's farm he had small trees.

**THE  
Willadean Nurseries**

*Offer for Fall 1906*

A very complete line of Fruit, Shade, Ornamental and Weeping Trees, Shrubs, Roses and Herbaceous Plants, Seedlings and Tree Seeds.

Special Prices on the following: Black Locust Seedlings, Snowballs, Hydrangeas, Altheas, Spireas in variety, Berberries and other Shrubs. American Linden, Ash, Elms, Maples, Sycamores and Tulip Trees. All sizes.

Trade List Mailed on Application

**THE DONALDSON COMPANY**  
Warsaw, Ky.

**Knox Nurseries**

Cherry Trees—From Vincennes, Indiana.  
Pecan Trees—Paper shell sorts from our branch nursery in Monticello, Florida.

**H. M. SIMPSON & SONS, Props.**  
Vincennes Ind.

**OUR SPECIALTY****Burbanks Wonderful Winter Rhubarb**

Plant any time from September till May. Headquarters for California Fruits and Berries. Write for quotations on your needs.

**WAGNER'S NURSERY, Pasadena, Cal.**

**BLACK LOCUST**

We still have a surplus of One Million on hand. They are yours at a very, very small price.

**THEY HAVE TO GO****Galbraith Nurseries**

DeWitt Hansen, Vice-Pres. and Gen. Mgr.

**FAIRBURY, NEB**

**Wanted**

FOREMAN with a small capital for a good established nursery in the west. Must be experienced in both Fruit and Ornamentals. A good position for the right man. Address P. Q. R. care of

**American Fruits Publishing Co.**

**Wanted** Practical outdoor Nursery Foreman. Good opportunity for right party. Address with references, giving experience and salary expected.

**W. T. Hood & Co., Richmond, Va.**

**We Guarantee It**

This Journal maintains and for a long time has maintained Positively the Largest Circulation Among Nurserymen of any nursery trade journal. And in the last few months our subscription list has made phenomenal advances.

**200,000 Peach Trees**

*One Year and June Budded,  
Leading Varieties, Extra Fine Lot*

Also Apple, Pear, Plum, Quince, Roses, Shade Trees, etc.

Our Prices Will Bring Your Orders

**Smith Brothers - Concord, Ga.**

**Native Rhododendron**

I have control of several thousand acres of Mountain land covered with Rhododendron and am in a position to get these out on reasonable terms. Address

**John A. Young, Nurseryman**  
**GREENSBORO, N. C.**

## IN NURSERY ROWS

### WHERE SUN SHINES 300 DAYS

The Payette valley has been fittingly called "the flower of irrigated Idaho." It is a veritable garden for almost its entire length, and except in those portions where the water has not yet been turned on there is no more fruitful section on earth. Any country where the sun will shine on an average of 300 days a year cannot fail to be a good fruit country, provided there is a sufficient water supply. There is never any doubt about the latter because of irrigation.

Reports received from the San Gabriel River, Texas, section of country, north of Taylor, and the Brushy Creek section, south of Taylor, are to the effect that the pecan crop will be the heaviest for years in Williamson county, fine.

The demand for early orange lands far exceeds expectations at this season of the year. The C. M. Wooster Company, Los Angeles, has sold \$200,000 worth of the El Mirador tract this season, and is now subdividing a new tract in ten, twenty and forty-acre lots. This district is especially adapted to raising early oranges on account of being frostless and having no scale or smut. The crop just harvested has yielded as high as \$1,505 per acre to the grower.

The year 1906 was a record breaker in Clay county, S. D., for fruit raising. Not only was the crop large in all varieties, but the demand held steady, and consequently the price was all right. Berries brought from \$2.25 to \$2.50 per case—24 quarts; cherries found a ready sale at \$2 per case, and the great demand for raspberries at 20 cents a quart could not be anywhere near supplied. Fall apples were a big yield and were readily disposed of.

Raising of peppermint, from which peppermint oil for the drug trade is distilled, is getting to take a prominent part in agricultural industry near Goshen, Ind. Mint is of a better quality this year than last, and runs \$5 more to the acre. About one-third of the crop was bought up in advance for \$2.20 a pound.

The Canadian Parliament convened on November 22d. This session will be of great interest to Americans, as numerous tariff changes will be made. On the whole, duties on American goods coming into Canada will be higher than ever before, and certainly higher than against any other country.

Forty thousand locomotives is the construction record of the American Locomotive Co., and in service at the present time on American railroads are 50,000 locomotives of all kinds, reckoned as of modern production. The honor of turning out the 40,000th locomotive belongs to the Schenectady plant, J. A. McNaughton, manager.

### NOT FILLED BY ANY OTHER

M. J. Wragg, Des Moines, Ia.—"I am more than pleased with AMERICAN FRUITS, as it seems to fill a place not filled by any other horticultural journal. You take up the new fruits, new trees and new industries in a way that is pleasing."

### WORTH \$5 PER YEAR

Pates Prothers, Floral, Kan.—"We are well pleased with the AMERICAN FRUITS and think it the best Nursery and Fruit Trade Journal in the world, and would not do without it even if it cost \$5.00 per year."

### \$6,000,000 IN CUBAN LANDS

It is estimated that no less than \$159,500,000 has been invested by Americans in Cuban banks, railroads, electric lines, sugar, tobacco, telegraph and telephone systems, fruit lands, cattle, mines, mortgages, and city and unimproved real estate. In the culture of fruits the Americans are making rapid progress. Their investment amounts to \$6,000,000, which will soon be doubled, because it has been discovered that California, with a 3,000 mile railroad haul to the Atlantic coast, is at a great disadvantage as a seller of citrus fruits when compared with Cuba, which has only to pay water tolls and a tariff rate that is not oppressive.

The only district in the upper Michigan peninsula where the huckleberry crop appears not to have been a failure this year is in the vicinity of Grand Marais, Alger county, where the fruit grows on high ground along the shore of Lake Superior, above the line of night frosts. Important shipments of berries have lately been made from that place to Chicago, as many as 505 cases having been transferred at Negaunee in one day.

Utah won on the competition for the best fruit exhibit at the Fourteenth session of the Irrigation Congress in Boise, Idaho, the Sweepstakes and the Cup.

Hood River district, Oregon, has a splendid apple crop this year and growers are getting unusually high prices. One concern recently bargained to ship 50 carloads of Spitzbergs to eastern states, and they are to receive a little over \$3 a box for that variety. The Hood River apples have the advantage of a fine flavor shipping qualities and good color, which make them very saleable in the eastern market.

## Nebraska Grown

American Plum

European Plum

Apple, Pear, Peach, and  
Cherry Trees

Large Stock of Shade and Ornamental Trees,  
Snowball, Syringa, Spirea, Deutzia, etc.

Forest Tree Seedlings well graded and prices  
right.

Send List of Wants to

**YOUNGERS & CO.**  
Geneva, Neb.

## Rogers Nurseries

We offer a general line of Nursery Stock, Fruit Trees, Shrubs, Vines, Evergreens, Shade and Forest Seedlings. Wholesale and Retail.

Everbearing Mulberries and Chinese Umbrella, specialties. We will make you very low prices. Address all orders to

**J. H. ROGERS & SONS**  
Woodlawn, Ark.

## Willis Nurseries

Offer a choice general assortment  
of Nursery Stock

SEND FOR PRICE LIST

**A. Willis, Prop., Topeka, Kans.**

Note—An especially fine lot of Black Locust seedlings in all grades are offered.

## W. T. HOOD & CO.

Old Dominion Nurseries

Richmond, Va.

*Offer for early Spring shipment*

Elberta Peach, budded on Natural  
Peach seedlings.

Carload Lots a Specialty

Standard Pears, nice assortment—  
Keiffer a specialty—Natural Peach  
Pits Crop 1906.

**Write for Prices**

## P. SEBIRE & SON

Nurserymen, Ussy, Calvados, France

Offer a general assortment of **Fruit Tree Stocks**, such as Apple, Pear, Myrobalan Plum, Mahaleb and Mazzard Cherry, Angora Quince, Small Evergreens, Forest Trees, Ornamental Shrubs, Roses, Etc. The largest stock in the country. Prices very low. Grading and packing the very best. Send for quotations before placing your orders. Catalogue free.

**C. C. ABEL & CO.**

Agents for United States and Canada

110-116 BROAD STREET. NEW YORK

## One Million Trees

200 varieties of Apple, 100 varieties of Peach, also large stock of other fruits, and Ornamental Trees. Write us. We will do our best to please you.

*Nurseries at Carrollton and Jerseyville, Ill.*

**JOHN A. CANNEDY, N. & O. CO.**

When writing to advertisers please mention AMERICAN FRUITS

## J. H. SKINNER & CO.

Successors to  
**PETERS & SKINNER**

Proprietors, CAPITAL NURSERIES

STATION A  
TOPEKA, KANSAS

We Offer Apple, Cherry, Peach,  
Plum, Apricot, Keiffer  
and Garber Pear

## Seedlings

Forest Tree Seedlings

Mahaleb Seedlings

Apple Seedlings

Keiffer Pear Seedlings

Shade Trees, Weeping Mulberry, Bechtel's Double Flowering Crab, Flowering Shrubs, Roses, Vines

GRAPES, CURRANTS, RHUBARB,  
ASPARAGUS

# Baby Ramblers Everblooming

**Are You  
in Line on This Specialty?**

¶ If not you are losing a most valuable opportunity.  
 ¶ Baby Ramblers are free sellers, because of their own beauty and merit and a profusion of them about your grounds will prove attractive and increase sales of other stock.



Evergreens near Packing House

**Remember That We Control Exclusively  
the Original Stock of This Grand Novelty, Which Has No Rival**



WHERE BABY RAMBLERS ARE GROWN

## Our General Catalogue of Nursery Stock

SHOULD BE IN YOUR HANDS



Sun Dial in Garden of Flowers

¶ We concede to none ability to suit your wants better than we can do with our ample facilities for growing, handling and shipping.

¶ **Soil and Climate** are in our favor, and these with unremitting care in growing stock and an undeviating policy of **Fair, Square** treatment have combined to make the **Continental Nurseries** famous.

**BROWN BROS. CO.,** ROCHESTER,  
NEW YORK

## FROM VARIOUS POINTS

### LAKE ERIE FRUIT BELT

In the fruit belt along Lake Erie are some of the most profitable farms in the state. B. C. Blakeslee of Ashtabula is authority on farm matters in the lake counties and he finds that this fall there are many buyers in the field for fruit and truck farms as well as country homes along the splendid trolley lines that run within sight of the lake.

"The garden of the world," is the fanciful name that H. J. Walroth of Conneaut county, applies to this fruit belt along Lake Erie where an abundance of all sorts of fruit, vegetables and melons can be raised with a minimum of work and expense.

Other parts of the Buckeye state are coming in for many farm sales this fall. Frank A. W. Schaum of the Guardian Trust Co., of this city, reports an excellent call for farms costing from \$40 to \$100 an acre that lie along the Ohio river.

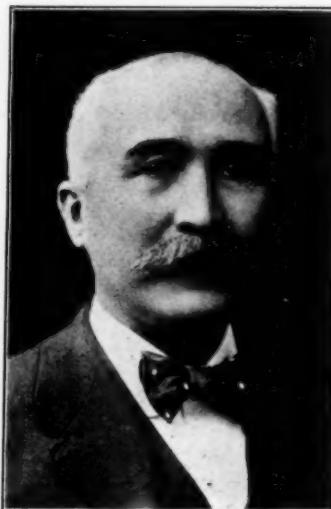
### AN APPLE DAY SUGGESTION

Waxing eloquent on the observance of Apple Day, October 16th, the Columbus, O., Journal said:

"It is a beautiful idea and may spread. Here is a little suggestion of a menu: Baked sweet apples, soft and brown, touched with sugar and smothered with cream; apple dumplings—the luscious fruit blinking in the soft embrace of light and snowy dough, the whole inundated with a sauce brewed back in a sweet and spicy fancy; the apple pie one of the noblest of Anglo-Saxon institutions—that shall be there, with its happy alternation of white pastry and ambrosial fruit—a finer triumph of white hands than can be found in all the annals of embroidery and lace work; and the apple butter—how like a song melting into the air, does this good old grandmother compound chime in with the exulting clamors of the appetite."

### IN MEMORY OF JOHN C. BLAIR

It being noted that our deceased fellow laborer and friend was for many years actively engaged as a nurseryman and was always interested in all that pertains to the trade and to the welfare of our craft, that he was always helpful to all interested in our calling, that he was to each of us a friend and that he has been called to his final reward.



CHARLES A. ILGENFRITZ  
Arrangements Committee, Detroit Convention

Now, therefore, be it noted we will hold in kindest regard the pure mind, the kindly purpose and the helpful nature of this our deceased friend.

That this body desires its kindly sympathy conveyed to the friends of the deceased and that we instruct the secretary to spread on the records of this Association this tribute to the memory of our deceased fellow laborer.—Western Association of Nurserymen.

### STILL PLENTY OF GOVERNMENT LAND

Despite Uncle Sam's prodigality in the matter of giving away public lands, there are still millions of acres awaiting apportionment and settlement. At the close of 1905, for example, the following tracts were still held by the government:

	Acres.
Alabama .....	183,480
Alaska .....	368,035,975
Arizona .....	47,082,321
Arkansas .....	2,109,464
California .....	33,156,877
Colorado .....	30,110,586
Florida .....	1,121,173
Idaho .....	33,485,389
Kansas .....	942,483
Louisiana .....	156,390
Michigan .....	323,947
Minnesota .....	2,822,838
Mississippi .....	60,404
Missouri .....	149,039
Montana .....	55,738,400
Nebraska .....	4,481,958
Nevada .....	61,226,774
New Mexico .....	42,095,312
North Dakota .....	7,050,306
Oklahoma .....	1,983,249
Oregon .....	20,180,261
South Dakota .....	9,932,113
Utah .....	38,847,341
Washington .....	8,566,563
Wisconsin .....	51,149
Wyoming .....	37,623,329
Total.....	817,527,157

In addition to this enormous area, there were 183,717,208 acres of public lands reserved from settlement for the time being by the government. Most of this territory will eventually be thrown open.—Baltimore Sun.

### NO OTHER LIKE IT

"I read AMERICAN FRUITS with the greatest interest," says C. M. Peters, of Maryland. "It is the leader among horticultural journals. There is no other like it."

## J. K. Henby & Son PANHANDLE NURSERIES GREENFIELD, INDIANA

Offer a General Assortment of Nursery Stock including

### Apple, Pear, Plum, Cherry and Peach in Car Lots

ALSO SMALL FRUITS, HARDY SHRUBS, VINES, ROSES, EVERGREENS, SHADE TREES,  
RHODODENDRON, Etc. CATALPA SPECIOSA and BLACK LOCUST SEEDLINGS.

Packing and storage facilities unexcelled. Allow us to price your list of wants.  
Liberal terms to Dealers.

J. K. Henby & Son

Greenfield, Indiana

*Established 1859*

### PEACH SEED

If you want Peach Seed for spring planting write us for special prices.

P. O. Box 457

W. W. Wittman & Co.

### Graves Peach

An Early Yellow Freestone Ripening a week before Crawford's Early. Trees from the originator have seal attached. Prices free.

ORIGINATOR

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### Box Straps

Soft, Strong, Light, Easily Applied

A wire nail can be driven through without previous punching. Cheapest and best on the market.

Write for Price List

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*Manufacturers of Planished Sheet Steel*

### California Privet Asparagus Roots Dwarf Box

Will be pleased to quote prices for Fall or Spring delivery. Stock guaranteed to be first class. Prices right.

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### 4,000,000 PEACH TREES

J. C. HALE, Prop. Tennessee Wholesale Nurseries  
WINCHESTER, TENN.

Large Stock of Apple, 1 Year Pear and Cherry  
WRITE FOR PRICES

## OBITUARY

At West Grove, Pennsylvania, in the seventy-second year of his age, Alfred F. Conard, president of the Conard & Jones Co., died on December 15th. Although far advanced in years, Mr. Conard spent considerable time at his desk the day before his death. Among the men who have been most prominent in the floral business and especially the growing of roses during the past fifty years, few, perhaps, have been more conspicuous or have done more for the development of the mail order business in the floral line.

After having been associated with Thomas Harvey in the nursery business and having acquired a thorough knowledge of his vocation, Mr. Conard formed the firm of Conard & Bro., but later entered into partnership with Charles Dingee under the firm name of Dingee & Conard. The business formed at that time was largely in the general nursery line and employed agents. There were but two greenhouses in use and the establishment was known as the "Harmony Grove Nursery."

About the year 1867 the firm began more extensively the propagation of roses. Antoine Wintzer having been secured as propagator, and by a method then entirely new they began to grow roses in constantly increasing quantities. At this time Mr. Conard compiled the first mail order catalogue to sell roses and was really the pioneer in this line, having been largely instrumental in organizing the mail order business in flowering plants, which soon extended all over the United States and to foreign countries.

About 1892 Mr. Conard became separated from the Dingee & Conard Co. and established a new business in his own name, and later, in 1897 associating himself with S. Morris Jones, a prominent business man of West Grove and with Antoine Wintzer, who had already made his reputation as one of the most successful propagators of roses in the country. While it was constantly the aim of this firm to build up a reputation for first class stock in all kinds of ornamental flowers and shrubbery, roses have always held first place and since the incorporation of this company have been grown in large and constantly increasing quantities.

## TO GIVE AWAY "SCALECIDE"

The B. G. Pratt Company, manufacturing chemists, 11 Broadway, New York city, announce this offer:

"To any community that has a duly organized improvement association, spraying commission, etc., or that will organize such an association or appoint such a commission, and secure the necessary apparatus for systematic spraying, we will give absolutely free, freight prepaid to your railroad station, one 50-gallon barrel of 'Scalecide,' which will prepare 800 to 1,000 gallons of spray by the simple addition of water; providing you send us a certificate of said organization by your town clerk, and an order, accompanied by cash, for one 50-gallon barrel of 'Scalecide.'"

## Wragg Trees

From the old, reliable company. Ask for our new catalogue and Special prices.

## AGENTS WANTED

J. Wragg & Sons Co.  
Waukeee, Iowa

PROPAGATING KNIFE, No. 2, 20c.

MAHER & GROSH CO.

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## AMERICAN FRUITS

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FREDONIA, N. Y.GRAPE VINES and CURRANT PLANTS  
A SPECIALTY

CORRESPONDENCE SOLICITED

## TREES, PLANTS, Etc.

We have a fine lot of One-Year-Old and June Bud Peach Trees, One and Two-Year-Old Apple, Pear, Cherry and Plum Trees, Grape Vine, Shrubbery, Roses, etc. Also all kinds of Small Fruit Plants. Strawberry Plants by the Million. Write for Catalogue.

Chattanooga Nurseries, Chattanooga, Tenn.

WOOD LABELS — Of All Kinds for —  
NURSEYMEN and FLORISTS

BENJAMIN CHASE, 11 Mill St., DERRY, N. H.

## "EVERYTHING IN SMALL FRUIT PLANTS"

Strawberries, Raspberries, Dewberries, Blackberries, Currants, Gooseberries, June Berries, Wine Berries, Buffalo Berries, etc.

Garden Roots—Sage, Horse Radish, Rhubarb, Asparagus.

Cuttings—Currants, Gooseberries, Grapes, California Privet, Quince. Wholesale List to Nursemen Only. Our Stock is all Good and Prices Reasonable. Write us.

W. N. SCARFF

NEW CARLISLE, O.

## GRAPE VINES

T. S. HUBBARD CO., Fredonia, N. Y.

All Old and New Varieties  
Immense stock warranted true. Quality unsurpassed. A fine stock of CAMPBELL'S EARLY. An extra fine stock and full assortment of varieties of Currants and GOOSEBERRIES; also BLACKBERRY ROOT CUTTING PLANTS. Catalogue and Price List Free. Send list of wants for prices.

## JUNE BUDED PEACH

Elberta, Carman, Greensboro and all leading varieties guaranteed true to name.

General Line of Nursery Stock at Wholesale Prices

Best of References Furnished

WINCHESTER NURSERY AND ORCHARD COMPANY  
WINCHESTER, TENNESSEE



Trees  
Bale'm up on the Simplex Baler it does the work on Large and Small sized Bales.  
At the Dallas Meeting the Baler made many new Friends. Your money back if not satisfied. Price \$16.00

L. F. Dintelmann, Belleville, Ill.  
200,000 Apple and Pear Scions

## NURSEYMEN'S KNIVES

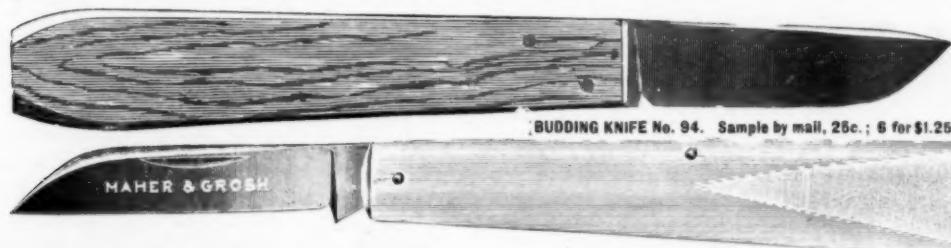
Hand Forged      Razer Steel      Warranted

Nursery Pruner, 50cts.  
Pocket Pruner, 60cts.  
Pocket Budder, 35cts.  
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Well-colored and shapely;  
better than the grafted Koster,  
and at half the price.

Out of our blocks, we have selected the best specimens with regard to color and shape. These seedlings have the true blue color and are more symmetrical than grafted plants; seedlings always are. We can supply them from 1 to 4 feet, carefully selected specimens.

The picture shows a Seedling Blue Spruce in our grounds.  
(Note the color and shape)

We are headquarters for ROSES, including Own Root plants; Crimson Rambler, Dorothy Perkins, Philadelphia, The New Rubin, Etc. CLEMATIS, large flowering and Paniculata; TREE HYDRANGEAS, AMPELOPSIS VEITCHII, JAPAN QUINCE, BARBERRY, Shrubs, Shades, Conifers, Peonies, and Herbaceous Stock in variety.

### APPLE SEED

Best French Crab, new crop; sample and price on request.

## JACKSON & PERKINS CO.

Nurserymen and Florists

WHOLESALE ONLY

NEWARK, (Wayne Co.) NEW YORK

JANUARY 1, 1907

## Strawberry Plants

10,000,000 Plants of all the best old and new varieties. Quality unsurpassed.

We also grow other small fruit plants. 500,000 one year old asparagus plants, 50,000 rhubarb.

WRITE FOR OUR CATALOGUE. IT IS FREE.

ADDRESS

F. W. DIXON, Holton, Kans.

## TREES

Fruit, Shade and Ornamental Trees, Evergreens, Roses, Shrubs, Etc.

Wholesale and retail.

Long list of varieties suitable to all sections.

Full line for Spring, 1907.

Dealers trade a specialty.

Peach Seed, California Privet.

Send Us Your List of Wants for Prices.

## Franklin Davis Nursery Co.

BALTIMORE, MD.

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The largest and most complete in the State and one of the largest and best equipped in the country.

### For Spring of 1907

Plums, (large stock, all grades) European, Japan, Americana.

Cherries, Pears, Standard and Dwarf, (all grades).

Apple, Peach, Quince, Grape, Currants, Small Fruits, Shade Trees, Ornamental Trees, Shrubs, Vines, Roses, etc. Apple Seedlings, Forest Seedlings, Imported Cherry, Pear, Plum Seedlings.

Grafts put up to order only—

No Job Lots to Offer.

Our Spades the Best and Cheapest in the Market.

TRADE LIST READY FEBRUARY 1st.

Our cellars are Well Filled and Shipments can be made any day. Order early and have goods set aside for you.

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Peach Trees of all the Leading Varieties  
in the Larger Grades

Send in your List of Wants for Special Prices

## The L. Green & Son Co.

Perry, Lake County, Ohio

Offer for Fall a general and complete line of the wants of the trade including a good assortment of

Standard and Dwarf Pear, European, Japan and Native Plum

A fine lot of  
Peach and Cherry

Also a fine stock of Ornamental Trees, Shrubs, Vines, Roses, Evergreens and Herbaceous and Perennial Plants.

Correspondence Solicited and Inspection Invited

# STRAWBERRY PLANTS

Grown on New Land

20,000 Aroma	25,000 E. H. Ekey	25,000 Kansas	10,000 Rio
20,000 Auto	50,000 Early Hathaway	10,000 Lady Thompson	5,000 Rough Rider
10,000 Almo	5,000 Eleanor	25,000 Mitchell's Early	75,000 Sample
50,000 Brandywine	5,000 Fairfield	5,000 Marie	100,000 Sen. Dunlap
50,000 Bubach	20,000 Gladstone	35,000 Marshall	25,000 Sharpless
20,000 Bismark	125,000 Gandy	10,000 McKinley	25,000 Starr
10,000 Beder Wood	50,000 Glen Mary	10,000 Midnight	10,000 Sutherland
5,000 Boston	100,000 Haverland	15,000 Mark Hanna	75,000 Stephen's Late
10,000 Climax	8,000 Hero	100,000 New Home	10,000 Tilghman's Fav.
15,000 Crimson Cluster	25,000 Jessie	20,000 New York	75,000 Tennessee
3,000 Clyde	25,000 Johnson's Early	5,000 New Globe	10,000 Uncle Jim
30,000 Dayton	10,000 Lovett	35,000 Oak's Early	75,000 Warfield
30,000 Excelsior	5,000 Livingston	100,000 Parson's	

Packed in Slatted Crates Guaranteed to Reach Any Part of the United States in Good Condition

## Pears

Kleffer—3000,  $\frac{3}{4}$  in.

1000, 1 in.

Garber—1000,  $\frac{3}{4}$  in.

Leconte 500,  $\frac{3}{4}$  in.

500,  $\frac{3}{4}$  in.

## Cherry

Early Richmond—

1000, 9-16 in.

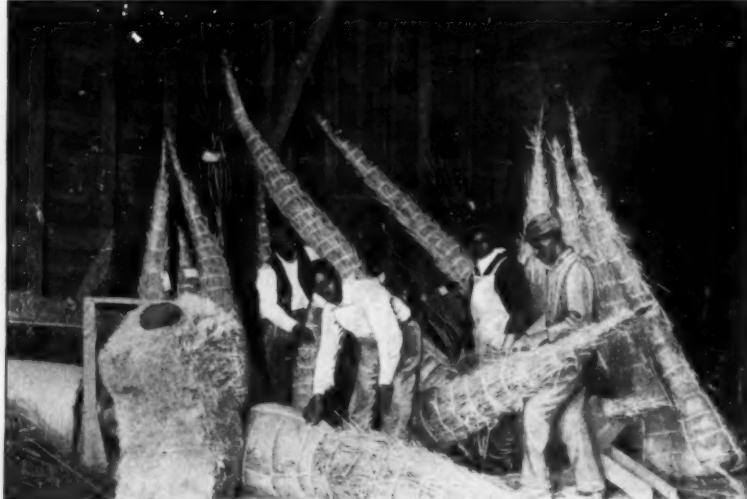
1000,  $\frac{1}{2}$  in.

Montmorency—

1000,  $\frac{3}{4}$  in.

1000, 9-16 in.

1000,  $\frac{1}{2}$  in.



## Shade Trees

Catalpas—100, 2 in.

100,  $1\frac{1}{2}$  in.

100, 1 in.

Silver Maple—

1000,  $1\frac{1}{4}$  in.

2000, 1 in.

2000,  $\frac{3}{4}$  in.

Lombard Poplar—

500,  $1\frac{1}{4}$  in.

500, 1 in.

Downing Mulberry—

100, 2 in.

200,  $1\frac{1}{4}$  in.

500, 1 in.

1000,  $\frac{3}{4}$  in.

American Elm—

200, 2 in.

200,  $1\frac{1}{2}$  in.

Will Bale or Box Your Trees

## Budded Apple

	$\frac{5}{8}$ inch	$\frac{3}{8}$ inch	1 inch	$1\frac{1}{2}$ inch
Baldwin	1000	1000	1000	1000
Domine	1000	1000	300	300
Flora Belle	2000	2000	200	200
Golden Beauty	500	500	500	300
Kennards Choice	—	200	200	50
Newtown Pippins	1000	1000	—	—
Rawles Jennet	100	100	100	—
Roman Stem	—	100	100	—
Transcendent Crab	500	500	500	300
McIntosh Red	2000	500	—	—

## Peach, One Year

	$\frac{5}{8}$ inch	$\frac{3}{8}$ inch	1 inch
Belle of Georgia	1000	1000	1000
Brays R. Ripe	500	500	500
Crawford Early	2000	1000	1000
Elberta	2000	2000	1000
Francis	500	500	—
Mt. Rose	1000	1000	500
New Prolific	500	—	—
Old Nixon	500	500	—
Reeves Favorite	1000	1000	1000
Salway	2000	2000	1000
Waddell	100	100	100
Admiral Dewey	200	200	100

**J. G. Harrison & Sons,** NURSERIES

Berlin,  
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